

**UNIFIED PLANNING WORK PROGRAM**

**FOR THE**

**AUGUSTA REGIONAL TRANSPORTATION STUDY**

**FISCAL YEAR 2007**

**PREPARED BY THE**

**AUGUSTA-RICHMOND COUNTY PLANNING COMMISSION**

**IN COOPERATION WITH:**

**AIKEN COUNTY PLANNING AND DEVELOPMENT DEPARTMENT,**

**GEORGIA DEPARTMENT OF TRANSPORTATION,**

**AND THE**

**SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION**

**FINAL**

**MARCH 2006**

The contents of this report reflect the views of the persons preparing the document and those individuals are responsible for the facts and the accuracy of the data presented herein. The contents of this report do not necessarily reflect the views or policies of the Georgia Department of Transportation, South Carolina Department of Transportation, the Federal Highway Administration, or the Federal Transit Administration. This report does not constitute a standard, specification, or regulation.



Resolution authorizing the filing of applications with the U. S. Department of Transportation, the Georgia Department of Transportation, and the South Carolina Department of Transportation for transportation planning funds.

WHEREAS, Section 104(f) of Title 23 USC and Section 1607 of Title 49 USC make certain planning funds available for the purpose of carrying out transportation planning activities in urbanized areas; and

WHEREAS, the Georgia Department of Transportation provides additional funds for transportation planning activities in urbanized areas; and

WHEREAS, the Augusta-Richmond County Planning Commission has been designated as the agency responsible for conducting transportation planning activities in the Augusta urbanized area; and

WHEREAS, the Augusta-Richmond County Planning Commission wishes to apply for these transportation planning funds; and

WHEREAS, the contracts for funding will impose certain obligations upon the Augusta-Richmond County Planning Commission, including the provision that it provide matching funds; and

WHEREAS, it is required by the U. S. Department of Transportation in accordance with the provisions of Title VI of the Civil Rights Act of 1964, that in connection with the filing of an application for funding under Section 1607 of the Title 49 U.S.C. that the applicant assures that it will comply with Title VI of the Civil Rights Act of 1964 and the U. S. Department of Transportation requirements thereunder.

NOW, THEREFORE BE IT RESOLVED by the Augusta-Richmond County Planning Commission that George A. Patty, Executive Director, is authorized to:

- (1) Execute and file applications on behalf of the Augusta-Richmond County Planning Commission with the U. S. Department of Transportation to aid in the financing of technical study grants to implement specific items of the FY 2007 Unified Planning Work Program.
- (2) Enter into and execute grant contracts on behalf of Augusta-Richmond County Planning Commission with the U. S. Department of Transportation, the Georgia Department of Transportation, and the South Carolina Department of Transportation to provide such financial assistance.
- (3) Enter into and execute with such applications an assurance or any other document requirement by the U.S. Department of Transportation effectuating the purposes of Title VI of the Civil Rights Act of 1964.
- (4) Furnish such additional information as the U. S. Department of Transportation may require in connection with such applications.

#### CERTIFICATE

The undersigned duly qualified and acting Secretary of the Augusta-Richmond County Planning Commission, certifies that the foregoing is a true and correct copy of a Resolution adopted at a legally convened meeting of the Augusta-Richmond County Planning Commission held on May 1, 2006.

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George A. Patty, Executive Director & Secretary



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## **INTRODUCTION**

### **1. Purpose of the Unified Planning Work Program**

The Unified Planning Work Program (UPWP) is the work program for transportation and transit administration and planning activities in the Augusta Regional Transportation Study (ARTS) area. The UPWP includes an overview of the ARTS transportation planning process, and description of each work element to be completed during the fiscal year. The appendix includes the ARTS goals and objectives, a list of the members of the four ARTS committees, a copy of the Memorandum of Agreement for the study, and a summary of the UPWP budget.

Work elements are grouped in the following categories: Program Administration and Implementation, Short Range Planning, and Long Range Planning. In FY 2007, most of the work element activities will be the same as they have been in past years. Special emphasis will be placed on reducing congestion, improving traffic safety, promoting alternative modes of transportation, updating data and plans to address air quality and environmental justice issues, expanding the use of computer applications in transportation planning, and strengthening the public involvement process.

## **TRANSPORTATION PLANNING PROCESS**

### **1. Background / Study Area**

The Augusta Regional Transportation Study (ARTS) is the transportation planning process established for the Augusta GA – Aiken SC urbanized area. The Federal-Aid Highway Act of 1962 established the requirement for transportation planning in urban areas throughout the country. The Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) and the Transportation Equity Act for the 21<sup>st</sup> Century, adopted in 1998, are the most recent laws extending the federal requirement for transportation planning.

In keeping with the original federal mandate, the ARTS planning process is cooperative, continuous, and comprehensive. The ARTS planning process is cooperative because it brings together local elected officials, state and federal transportation personnel, citizens, and other interested parties to plan and program transportation projects. ARTS participants continuously evaluate transportation needs and plan for long term improvements. The ARTS process is comprehensive because it considers all modes of transportation, including cars, trucks, buses, airplanes, railroads, bicycles, and pedestrians.

The ARTS area includes the urbanized part of the Augusta region, as defined by the U. S. Bureau of Census, plus the area expected to become urbanized over the next twenty years. The most recent adjustments to the study area boundaries were approved by the ARTS Policy Committee in June 2003 and were made in response to changes in the urbanized area resulting from the 2000 Census. The study area now encompasses an area that includes all of Richmond County, Georgia, part of Columbia County, Georgia, the Fort Gordon Military Reservation, part of Aiken County, South Carolina, and part of Edgefield County, South Carolina. Incorporated places within the study area include the Georgia cities of Augusta, Hephzibah, Blythe and Grovetown, and the South Carolina cities of Aiken, North Augusta, and Burnetown.

### **2. ARTS Committees**

The ARTS planning process is guided by four committees: the Policy Committee (PC), the South Carolina Policy Subcommittee, the Technical Coordinating Committee (TCC), and the Citizens Advisory Committee (CAC). The Policy Committee meets quarterly and is responsible for prioritizing projects and making final decisions on ARTS planning and programming issues. The committee is comprised of local elected officials, representatives of the Georgia and South Carolina Departments of Transportation, representatives of the Federal Highway Administration and Federal Transit Administration, the ARTS Project Director, and the Chairman of the CAC. The South Carolina Policy Subcommittee serves in an advisory capacity to the Policy Committee, and is responsible for insuring that the South Carolina portion of ARTS is kept up-to-date. The South Carolina Subcommittee is comprised of local elected officials (voting members), and federal, state and local appointed personnel (nonvoting members).

The Technical Coordinating Committee (TCC) meets 6-7 times each year, normally in conjunction with the Citizens Advisory Committee, and is responsible for completing all technical work related to the ARTS planning process. The TCC maintains all of the required transportation related documentation, and serves in an advisory capacity to both the Policy Committee and Citizens Advisory Committee. The TCC is comprised of transportation engineers, planners, and managers from the federal, state, and local levels.

The Citizens Advisory Committee (CAC) meets 6-7 times each year, normally in conjunction with the TCC, and is responsible for providing citizen input on all aspects of the ARTS planning process. The CAC is comprised of citizens from throughout the urban area. The role of the CAC is crucial to the success of the ARTS transportation planning process.

### **3. ARTS Staff**

The Augusta-Richmond County Planning Commission (ARPCPC) is the designated Metropolitan Planning Organization (MPO) for the ARTS. The Executive Director of the ARPCPC is the ARTS Project Director and is responsible for overall supervision of staff work on the planning process. In addition to staff of the ARPCPC, employees of the Georgia Department of Transportation (GDOT), the South Carolina Department of Transportation (SCDOT), and the Aiken County Planning and Development Department (ACPDD) are involved in ARTS planning activities. The ACPDD staff is responsible for planning activities in the Aiken County part of the study area. Planners with GDOT and the SCDOT coordinate state-level aspects of any studies, assist with technical analysis, and play a major role in the development and utilization of the ARTS travel demand model.

### **4. Major Transportation Issues**

To be effective the ARTS planning process must address transportation issues in the study area. Urban sprawl and near total dependence upon the automobile is eroding the efficiency of the area's road network and the desirability of public transit as an alternative means of transportation. As a result, the following issues are important to improving the study area's transportation system:

- **Congestion Management** – Alleviating traffic congestion and improving the efficiency of the existing transportation network is important to the study area. Each year ARTS completes a travel time survey on area roads and publishes a Congestion Management System report summarizing the results of the survey and the status of projects to mitigate congestion. Special studies completed in recent years related to congestion management include the Medical Center Traffic Operations Study (July 2000), the Walton Way @ 5<sup>th</sup> St. / Gordon Hwy. Traffic Study (November 2000), the Augusta-Richmond County Corridor/Gateway Action Plan (November 2000), the Regional Advanced Transportation Management System (ATMS) Master Plan (April 2002) and the Regional Bicycle and Pedestrian Plan (February 2003).
- **Air Quality** – ARTS participates in the Fall Line Air Quality Study and Early Action Compact (EAC) programs, assists in the implementation of local emission reduction strategies, monitors developments related to PM 2.5 regulations and requirements, and attends air quality training workshops. In December 2002, Richmond County signed an EAC with the US Environmental Protection Agency (EPA) and the Georgia DNR. Aiken County signed a separate EAC with the US EPA and the South Carolina Department of Health and Environmental Control (DHEC). The Compact effectively defers an ozone nonattainment designation as long as milestones are met and the counties achieves cleaner air by December 31, 2007. Under the Compact, the counties work with other stakeholders to develop an Early Action Plan (EAP) for improving air quality. Stakeholder groups in both counties meet regularly to review potential emission reduction strategies and develop the early action plan. Thus far both counties have met the milestones specified in the EAC. Final EAPs were



submitted to US EPA on December 31, 2004. Since the submission of the EAPs, ARTS has worked with Georgia EPD and South Carolina DHEC in implementing activities related to Early Action Compacts. Staff use the quarterly newsletter and ARTS committee meetings to publicize the outdoor burning ban in effect between May 1<sup>st</sup> and September 30<sup>th</sup> for Columbia and Richmond Counties. Aiken County staff participate in Ozone Awareness Month and distribute information on ways to reduce ozone levels during the summer months. Aiken County continues public awareness activities by distributing brochures and bookmarks with tips on what the people can do during each season of the year to help air quality.

- **Bike / Pedestrian Facilities** – The ARTS Regional Bicycle and Pedestrian Plan was completed in January 2003. This updated the original bicycle plan completed in 1994. The new plan provides a blueprint for development of bicycle and pedestrian facilities over the next 20 years. The plan includes an inventory of the current regional bicycle and pedestrian network, design standards for new facilities, a list of 194 recommended projects (with cost estimates), and strategies for implementing the projects.
- **Public Involvement** – The MPO is challenged to increase public participation in transportation planning, developing new outlets for informing the public about transportation programs, and creating partnerships with organizations not previously involved in transportation planning. Some recent initiatives include expanding the ARTS newsletter mailing list to include more non-profit organizations representing underserved populations, and using 2000 Census data to map the concentration of the mapping of Environmental Justice communities in the study area.
- **Public Transportation** – The MPO and local transit partners are challenged to increase the use of public transportation in an era of shifting land use patterns, mandates for new services, and tight operating budgets. Providing transportation services for the disabled and the environmental justice population is a related issue.
- **Coordinating Land Use and Transportation** – Coordinating land use and transportation improvements is important given expected regional development patterns. The MPO will have to work closely with local planning and development organizations to promote sound land use practices while protecting the substantial investment in transportation projects.
- **Railroad / Motor Vehicle Conflicts** – At grade railroad crossings are present on roads throughout the study area. Overpasses have been built at some key locations in the Georgia part of the study area. Additional overpasses are in the Construction Work Program and the Transportation Improvement Program. While this is a long-term problem that will require ongoing cooperation between the railroads and local governments, progress is being made on the railroad relocation issue.

In 2001, the City of Augusta and the CSX and Norfolk Southern railroads worked together to purchase and install remote-controlled switches at four locations on the main line tracks in downtown. The switches reduce the delay caused by trains stopping to allow engineers to manually throw a switch. There also was renewed interest in relocating the Norfolk Southern main line out of downtown Augusta and upgrading the Belt Line Railroad in Augusta. An earmark of \$2.0 million was included in the draft FY 2004 Federal budget for planning and preliminary engineering of the project. Unfortunately, the funding was eliminated from the final budget.

ARTS adopted a group of goals and objectives to address these seven issues (see subsection 6). First adopted in 1974, the goals and objectives guide the transportation planning process and serve as benchmarks for measuring program accomplishments. The goals and objectives were amended in 1993, to conform to the mandates of ISTEA, and were further refined by the 1994-1997 Long Range Plan update process. They were revised again in 2006 as part of the update of the Long Range Transportation Plan.

## 5. Other Planning Studies Underway or Recently Completed

Transportation and related air-quality issues are of concern to many agencies and organizations in the study area. As a result, a number of planning studies and related implementation measures are being done outside of the UPWP. Following is a list of the metropolitan transportation planning and transportation-related air quality planning studies either recently completed, underway or anticipated within the next one or two years.

<b>RECENTLY COMPLETED AND ONGOING PLANNING STUDIES ARTS AREA</b>		
<b>NAME</b>	<b>DESCRIPTION</b>	<b>DATE COMPLETED/ADOPTED</b>
Central Martinez Revitalization Study	The purpose of the study is to examine current conditions in / develop a plan for the continued growth of the Martinez area of Columbia County as a vibrant, mixed-use community.	Completed in fall 2004. Adopted in May 2005
City of North Augusta Comprehensive Plan	Update of the City's comprehensive plan.	Adopted in December 2005
Columbia County Growth Management Plan	Update of comprehensive plan prepared in accordance with State law	Completed in 2005 and - adopted in Feb. 2006
Augusta-Richmond County Comprehensive Plan	Update of comprehensive plan prepared in accordance with State law	February 2004
Columbia County Transportation Plan	Long range transportation plan for the entire county	June 2004
City of Aiken Comprehensive Plan	Update of City of Aiken comprehensive plan	February 2003
City of Aiken Pathways and Greenway Study	A plan for linking activity centers in Aiken via a series of pathways and greenways	September 2003
Augusta Public Transit System Analysis	A report that recommended changes to Augusta Public Transit system routes and facilities, and the addition of a connection to Aiken Public Transit	November 2001
Augusta Regional Airport Master Plan	A long range plan for changes and upgrades at Augusta Regional Airport at Bush Field	June 2001; New Terminal Layout Plan completed October 2003
Whiskey Road Corridor Study	Study recommended addition of sidewalks, landscaping, median and signage improvements along this commercial corridor.	October 2001
Whiskey Road Traffic Corridor Study	Traffic study of a main arterial in the City of Aiken	April 2001
Fall Line Air Quality Study	A four-year study (2000-2003) for assessing urban and regional air pollution, identifying the sources of pollutants and pollutant precursors, and recommending solutions to realized and potential poor air quality in the Augusta, Macon, and Columbus metropolitan areas.	Completed in December 2004.

## **6. Goals and Objectives**

### ***GOAL #1. DEVELOP A TRANSPORTATION SYSTEM INTEGRATED WITH PLANNED LAND USE.***

- OBJECTIVE A.** Promote the orderly development of the region by providing transportation services to those areas where growth is planned.
- OBJECTIVE B.** Discourage development in conservation or preservation areas by limiting access to those areas.
- OBJECTIVE C.** Promote the revitalization of the urban core through improved accessibility.
- OBJECTIVE D.** Promote the redevelopment of the urban fringe through improved accessibility.

### ***GOAL #2. DEVELOP A TRANSPORTATION SYSTEM THAT IS FINANCIALLY AND POLITICALLY FEASIBLE AND HAS BROAD PUBLIC SUPPORT.***

- OBJECTIVE A.** Provide a financially balanced plan based on realistic funding availability and opportunities..
- OBJECTIVE B.** Provide a plan that works to preserve existing facilities and operate them more efficiently.
- OBJECTIVE C.** Prepare a plan where total benefits exceed total costs.
- OBJECTIVE D.** Provide a plan that includes participation from all groups, with special emphasis in reaching environmental justice populations.

### ***GOAL #3. DEVELOP A TRANSPORTATION SYSTEM THAT WILL ALLOW EFFECTIVE MOBILITY THROUGHOUT THE REGION AND PROVIDE EFFICIENT MOVEMENT OF PERSONS AND GOODS.***

- OBJECTIVE A.** Provide a plan that works to relieve existing congestion and prevent it in the future.
- OBJECTIVE B.** Provide a transportation plan that realizes the importance of public transportation as a viable option in meeting daily travel needs.
- OBJECTIVE C.** Provide a plan which positions public transportation as a viable alternative to single occupant vehicles, through routing and scheduling changes and other system improvements.
- OBJECTIVE D.** Provide a plan which addresses consideration of non-motorized travel modes such as bicycles and pedestrians.

- OBJECTIVE E.** Provide a plan which addresses the needs of intermodal movement of goods via rail and truck..
- OBJECTIVE F.** Provide a plan that allows for an efficient system of intracity freight movements which does not conflict with the circulation of traffic.
- OBJECTIVE G.** Provide a plan that improves travel safety.

**GOAL #4. *DEVELOP A TRANSPORTATION SYSTEM THAT WILL ENHANCE THE ECONOMIC, SOCIAL AND ENVIRONMENTAL FABRIC OF THE AREA, USING RESOURCES WISELY, WHILE MINIMIZING ADVERSE IMPACTS.***

- OBJECTIVE A.** Provide a plan that increases job accessibility through improved transportation systems.
- OBJECTIVE B.** Provide a plan that ensures that new transportation facilities result in disruption or displacement of residential or commercial areas only when the benefit to the community at large outweigh the costs and where no viable alternative exists.
- OBJECTIVE C.** Provide a plan that works to ensure that transportation facilities avoid historic areas and structures, and other environmentally sensitive areas, while providing access when desired.
- OBJECTIVE D.** Provide a plan to enhance the appearance of transportation facilities whenever possible.
- OBJECTIVE E.** Provide a plan that reduces mobile emissions and meets air quality standards.

## **PROGRAM ADMINISTRATION AND IMPLEMENTATION**

### **Work Elements:**

- 1.1 Program Coordination**
- 1.3 Training /Employee Education**
- 1.6 Unified Planning Work Program**



## **WORK ELEMENT 1.1 - PROGRAM COORDINATION**

**Purpose:** The purpose of this work element is to complete all of the basic activities needed to coordinate the work of Augusta Regional Transportation Study (ARTS) participants and insure compliance with all Federal and State requirements.

**Activity:** Activities under this work element include, but are not limited to the following:

1. Coordinate work among study participants, governments, and citizens;
2. Monitor work program schedule;
3. Chair the Technical Coordinating Committee meetings;
4. Provide progress reports to the Policy Committee and Citizens Advisory Committee;
5. Organize ARTS Committee meetings and preparing minutes of those meetings;
6. Travel to meetings with ARTS participants, as well as other transportation related meetings or conferences;
7. Amend the transportation planning process in response to changes in federal laws and regulations;
8. Submit a year-end progress report with the final requisition.

The MPO has the primary responsibility for completing activities under this work element, but the Aiken County Planning & Development Department, the GDOT and the SCDOT are also be involved. The ACPDD will be responsible for its quarterly narrative reports (including the account of quarterly expenditures and the quarterly reimbursement requests) and its year-end progress report.

**Previous Work:** Completed activities as detailed above during the previous federal fiscal year. The ARTS Memorandum of Understanding (MOU) was revised to include the jurisdictions (Hephzibah, Blythe, part of Edgefield County) added as a result of changes in the study area boundary (**2004 Certification recommendation # 1**).

**Work Schedule:** Complete program coordination activities as detailed above during the program year.

### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

RESPONSIBLE AGENCY						
FUNDING SOURCE	ARCPC	ACPDD	LSCOG	GA DOT	SC DOT	TOTALS
FHWA (SPR)				\$11,160.00	\$4,000.00	\$15,160.00
FHWA (GA PL)	\$44,000.00					\$44,000.00
FHWA (SC PL)	\$5,200.00	\$43,600.00				\$48,800.00
GA DOT (SPR Match)				\$2,790.00		\$2,790.00
GA DOT (PL Match)	\$5,500.00					\$5,500.00
SC DOT (SPR Match)					\$1,000.00	\$1,000.00
ARCPC (GA PL Match)	\$5,500.00					\$5,500.00
ACPDD (SC PL Match)	\$1,300.00	\$10,900.00				\$12,200.00
FTA (SEC 5303)			\$400.00			\$400.00
SC DOT (SEC 5303 Match)			\$50.00			\$50.00
LSCOG (SEC 5303 Match)			\$50.00			\$50.00
TOTALS	\$61,500.00	\$54,500.00	\$500.00	\$13,950.00	\$5,000.00	\$135,450.00

### **WORK ELEMENT 1.3 - TRAINING AND EMPLOYEE EDUCATION**

**Purpose:** To expand the working knowledge of transportation planning methods, tools, and procedures of the staff members involved in ARTS activities.

**Activity:** Staff members will participate in transportation planning related seminars, conferences and meetings. This fiscal year we will concentrate on courses and conferences that focus on air quality, and intermodal issues. Staff members from both the Augusta Richmond County Planning Commission and the Aiken County Planning and Development Department will engage in these activities.

**Previous Work:** Staff attended CTPP training course held in Atlanta GA on October 15-16 2005. Staff attended the MPO conference held in Macon on December 1 -2, 2005. The ARTS Transportation Planner attended an Introduction to Air Quality Conformity training in Chattanooga TN from January 16-19 2006. Staff also attended GDOT quarterly briefings in Tennille, quarterly meetings on Augusta's SPLOST-funded projects, and monthly Augusta-GDOT breakfast meetings.

**Work Schedule:** Attend transportation planning related seminars, conferences and meetings as applicable. Focus on education opportunities related to topics covered by other work elements in the UPWP.

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	ARCPC	ACPDD	LSCOG	
FHWA (GA PL)	\$6,400.00			\$6,400.00
FHWA (SC PL)		\$4,400.00		\$4,400.00
GA DOT (PL Match)	\$800.00			\$800.00
ARCPC (GA PL Match)	\$800.00			\$800.00
ACPDD (SC PL Match)		\$1,100.00		\$1,100.00
FTA (SEC 5303)			\$1,600.00	\$1,600.00
SC DOT (SEC 5303 Match)			\$200.00	\$200.00
LSCOG (SEC 5303 Match)			\$200.00	\$200.00
TOTALS	\$8,000.00	\$5,500.00	\$2,000.00	\$15,500.00



## **WORK ELEMENT 1.6 - UNIFIED PLANNING WORK PROGRAM**

**Purpose:** The Unified Planning Work Program (UPWP) defines all ARTS planning activities which will be undertaken in any given fiscal year. The UPWP, which identifies the various agencies who will be performing each activity and determines sources of funding for study activities, will be prepared in conformance with Federal regulations.

**Activity:** The UPWP is prepared annually. A new UPWP covering FY 2008 will be prepared for the ARTS area. The following activities will be undertaken in developing the UPWP:

1. Review transportation planning issues in the ARTS area;
2. Review other area planning activities, including those funded by non-PL sources;
3. Review changes in planning requirements following changes in federal law;
4. Prepare work element descriptions which address issues and goals of the planning process;
5. Identify program responsibilities for each work element;
6. Prepare cost estimates and secure proposed funding sources;
7. Submit new UPWP for review and adoption by the ARTS Policy Committee.

The MPO will consult with staff of other responsible agencies, especially the Aiken County Planning and Development Department, to determine activity descriptions, funding sources, and agency responsibility for selected work elements. The 2008 UPWP will address the relevant issues included in SAFETEA-LU. The MPO will compile this information for the draft and final UPWPs.

**Product:** FY 2008 ARTS Unified Planning Work Program

**Previous Work:** The draft and final FY 2007 Unified Planning Work Program were prepared and submitted to state and federal agencies.

**Work Schedule:** FY 2008 ARTS Unified Planning Work Program

<b>ACTIVITY</b>	<b>EXPECTED COMPLETION DATE</b>
1. Establish draft list of work elements and budget for next program year	September 30, 2006
2. Complete activity descriptions & work schedules for work elements. Mail draft UPWP summary to CAC/TCC	October 31, 2006
3. CAC/TCC endorses Draft UPWP	November 8, 2006
4. Mail draft UPWP summary to Policy Committee	November 24, 2006
5. Policy Committee endorses Draft UPWP	December 7, 2006
6. Mail Draft UPWP to state and federal agencies	December 30, 2006
7. Incorporate comments from reviewing agencies & other stakeholders	January 25, 2007
8. Mail final UPWP summary to CAC/TCC	February 2, 2007

ACTIVITY	EXPECTED COMPLETION DATE
9. CAC/TCC endorses Final UPWP	February 14, 2007
10. Mail final UPWP summary to Policy Committee	February 19, 2007
11. Policy Committee approves final UPWP	March 1, 2007
12. Complete full text of final UPWP	March 23, 2007
13. Mail final UPWP to state and federal agencies	March 30, 2007

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

FUNDING SOURCE	RESPONSIBLE AGENCY					TOTALS
	ARCPC	ACPDD	LSCOG	GA DOT	SC DOT	
FHWA (SPR)				\$4,464.00	\$1,200.00	\$5,664.00
FHWA (GA PL)	\$4,000.00					\$4,000.00
FHWA (SC PL)	\$1,200.00	\$2,000.00				\$3,200.00
GA DOT (SPR Match)				\$1,116.00		\$1,116.00
GA DOT (PL Match)	\$500.00					\$500.00
SC DOT (SPR Match)					\$300.00	\$300.00
ARCPC (GA PL Match)	\$500.00					\$500.00
ACPDD (SC PL Match)	\$300.00	\$500.00				\$800.00
FTA SEC 5303	\$6,400.00		\$400.00			\$6,800.00
GA DOT (SEC 5303 Match)	\$800.00					\$800.00
ARCPC (SEC 5303 Match)	\$800.00					\$800.00
SC DOT (SEC 5303 Match)			\$50.00			\$50.00
LSCOG (SEC 5303 Match)			\$50.00			\$50.00
TOTALS	\$14,500.00	\$2,500.00	\$500.00	\$5,580.00	\$1,500.00	\$24,580.00

## **PUBLIC INVOLVEMENT**

### **WORK ELEMENTS:**

**2.1 Community Outreach / Education**

**2.2 Environmental Justice**



## **WORK ELEMENT 2.1 - COMMUNITY OUTREACH / EDUCATION**

**Purpose:** To provide information to ARTS participants and the general public about the transportation planning process, to respond to requests for information from the public, and to foster meaningful public input into all transportation plans, programs and projects.

**Activity:** The Metropolitan Planning Organization and the Aiken County Planning & Development Department will offer opportunity for comment on projects as they are considered for inclusion in the Long Range Plan, the TIP and other ARTS plans. These opportunities for public involvement are described in the adopted ARTS public involvement policy (PIP). Additional public involvement activities will be scheduled to increase public understanding of the planning process. The state transportation agencies provide information on individual transportation projects, participate in ARTS public meetings and respond to requests for information regarding projected traffic volumes, project concepts and state transportation policies and programs.

The principal tools used to disseminate information to the public about ARTS activities and meetings include distribution of regular meeting agendas to all stakeholders and area media outlets, publication and distribution of a quarterly newsletter to over 500 stakeholders, dissemination of ARTS publications (LRTP, TIP, etc.) for public review and comment, providing regular updates to ARTS committees about transportation projects and special studies, responding to requests for information from the public, and providing regular feedback to members of the Citizens Advisory Committee on issues of concern. The MPO website is also used to disseminate basic information about ARTS (meeting agendas, major studies, quarterly newsletter, etc.). More specific information about postings on the website is included under Work Element 4.8, GIS/Internet Development

**Previous Work:** ARTS staff activities during the last program year included –

- ❑ Distributed regular ARTS meeting agendas to stakeholders and all area media outlets
- ❑ Responded to requests for information/interviews from media outlets (print, TV and radio)
- ❑ Provided regular feedback to Citizens Advisory Committee on issues and concerns
- ❑ Held public meetings on the update of Transportation Improvement Program and Long Range Transportation Plan
- ❑ Provided opportunity for public to review and comment on update of Transportation Improvement Program and Long Range Transportation Plan in accordance with the procedures in the PIP
- ❑ Published and distributed the ARTS newsletter on a quarterly basis
- ❑ Distributed ARTS information at other public meetings (e.g. community development, comprehensive plan update, transportation project PIMs)
- ❑ Updated MPO website on a regular basis with information on ARTS meetings, plans and special studies
- ❑ Evaluated effectiveness of public involvement techniques
- ❑ Responded to requests for information from the general public and other stakeholders

**Work Schedule:** During this program year ARTS will carry out the community outreach and education activities listed under “Previous Work” above. ARTS participants will also update the process for evaluating the effectiveness of the Public Involvement Plan to ensure that the process provides full and open access to all **(2004 Certification recommendation # 17)**. The MPO will also review current public involvement plan / procedures and make necessary changes to reflect SAFETEA-LU provisions.

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

FUNDING SOURCE	RESPONSIBLE AGENCY				TOTALS
	ARCPC	ACPDD	GA DOT	SC DOT	
FHWA (SPR)			\$2,232.00	\$3,000.00	\$5,232.00
FHWA (GA PL)	\$12,000.00				\$12,000.00
FHWA (SC PL)	\$1,200.00	\$4,400.00			\$5,600.00
FTA(SEC 5303)	\$4,800.00	\$1,500.00			\$6,300.00
GA DOT (SPR Match)			\$558.00		\$558.00
GA DOT (PL Match)	\$1,500.00				\$1,500.00
GA DOT(SEC 5303 Match)	\$600.00				\$600.00
SC DOT (SPR Match)				\$750.00	\$750.00
SC DOT (SEC 5303 Match)		\$187.50			\$187.50
ARCPC (GA PL Match)	\$1,500.00				\$1,500.00
ARCPC(SEC 5303 Match)	\$600.00				\$600.00
ACPDD (SC PL Match)	\$300.00	\$1,100.00			\$1,400.00
ACPDD (SEC 5303 Match)		\$187.50			\$187.50
TOTALS	\$22,500.00	\$7,375.00	\$2,790.00	\$3,750.00	\$36,415.00

## **WORK ELEMENT 2.2 - ENVIRONMENTAL JUSTICE**

**Purpose:** To identify the location and makeup of EJ communities throughout the study area. This information will be used to assess the impact of transportation projects on EJ communities and identify ways to obtain input from EJ communities.

**Activity:** EJ communities will be identified throughout the study area and the impact of projects on these communities will be assessed.

**Previous Work:** During the last program year ARTS staff updated maps of EJ communities and incorporated the information into the planning process for the Long Range Transportation Plan and the Transportation Improvement Program.

**Work Schedule:** ARTS will use 2000 Census data to develop thematic maps showing concentrations of low-income households, minority households and household with no vehicles available for the entire study area. ARTS also will work with GDOT to incorporate statewide guidance on EJ communities into plans and programs when the guidance is finalized. Coordinate with SCOT to incorporate applicable elements of their environmental screening process into ARTS documents related to EJ (**2004 Certification Recommendation # 19**). In addition, ARTS will document outreach activities for low income and minority populations (**2004 Certification recommendation # 18**).

### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

RESPONSIBLE AGENCY			
FUNDING SOURCE	ARCPC	GA DOT	TOTALS
FHWA (SPR)		\$4,464.00	\$4,464.00
FHWA (GA PL)	\$4,000.00		\$4,000.00
GA DOT (SPR Match)		\$1,116.00	\$1,116.00
GA DOT (PL Match)	\$500.00		\$500.00
ARCPC (GA PL Match)	\$500.00		\$500.00
TOTALS	\$5,000.00	\$5,580.00	\$10,580.00





## **DATA COLLECTION**

### **WORK ELEMENTS:**

**3.1 SocioEconomic Data**

**3.2 Land Use Monitoring**

**3.3 Transportation Surveys, Models and Analysis**



### **WORK ELEMENT 3.1 - SOCIOECONOMIC DATA**

**Purpose:** Maintain a comprehensive, up-to-date socioeconomic database for the transportation planning process. Activity under this work element will be focus on maintaining and updating the socioeconomic data needed for the ARTS travel demand model.

**Activity:** Activity under this work element focuses on the socioeconomic data used as inputs to the ARTS travel demand model. Data is either collected or estimated for the following factors: occupied housing units, school enrollment, retail employment, service employment, manufacturing employment, wholesale employment, total employment, total population, and median household income. The following tasks are a part of completing this activity.

1. Collect calendar year 2006 building permit data (new construction and demolition) to determine net change in residential units.
2. Use net change in residential units and an occupancy factor to estimate the current number of occupied housing units
3. Collect school enrollment figures for all public and private schools and allocate to the applicable TAZs
4. Use state Department of Labor information (Area Labor Profiles in Georgia) to develop annual estimates of employment by place of work (total, retail, service, manufacturing and wholesale). Allocate employment to TAZs based on information from land use maps, site plans, permit records and manufacturing directories.
5. Use 2000 census median household income figures as a basis for making yearly estimates of change in household income levels.

**Product:** Calendar year 2006 estimates, at the TAZ-level, of the following socioeconomic characteristics: occupied housing units, school enrollment, retail employment, service employment, manufacturing employment, wholesale employment, total employment, total population, and median household income. Estimates to be delivered to GDOT in Excel Spreadsheet format.

**Previous Work:** Compiled calendar year 2005 socioeconomic data estimates, at the TAZ-level and provided the information to GDOT in Excel Spreadsheet format.

#### **Work Schedule:**

<b>ACTIVITY</b>	<b>EXPECTED COMPLETION DATE</b>
1. Collect 2006 building permit data and allocate to TAZs	Collect and allocate monthly. Annual update completed by January 31, 2007
2. Collect school enrollment figures and allocate to TAZs	March 30, 2007
3. Collect latest employment estimates and allocate to TAZs based on known/observed trends	March 30, 2007
4. Estimate annual change in Household Income Level at the TZ level	March 30, 2007

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

FUNDING SOURCE	RESPONSIBLE AGENCY		TOTALS
	ARCPC	ACPDD	
FHWA (GA PL)	\$12,000.00		\$12,000.00
FHWA (SC PL)	\$1,280.00	\$5,200.00	\$6,480.00
GA DOT (PL Match)	\$1,500.00		\$1,500.00
ARCPC (GA PL Match)	\$1,500.00		\$1,500.00
ACPDD (SC PL Match)	\$320.00	\$1,300.00	\$1,620.00
TOTALS	\$16,600.00	\$6,500.00	\$23,100.00

### **WORK ELEMENT 3.2 - LAND USE MONITORING**

**Purpose:** Maintain an up-to-date land use database for the transportation planning process. Land use information is useful in annual update of socioeconomic estimates for the study area

**Activity:** Land use changes will be tracked through review of zoning cases, site plans, and subdivision plans. More specifically, activity under this work element will include an inventory of present land uses and examination of future land use trends as necessary to integrate with the planning process. Also consideration of land use impacts and consistency with land use plans presently in effect.

**Product:** While a formal report will not be produced the observed land use changes will be factored into the annual update of socioeconomic estimates at the TAZ level.

**Previous Work:** Tracked changes in land use based on review of subdivision plans, site plans, zoning cases and building permit activity. The changes were then factored into socioeconomic data estimates.

**Work Schedule:** Land use changes will be tracked on a monthly basis and the changes noted during the calendar year will be factored into the TAZ-level socioeconomic estimates made for the calendar year.

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

FUNDING SOURCE	RESPONSIBLE AGENCY		TOTALS
	ARCPC	ACPDD	
FHWA (GA PL)	\$6,400.00		\$6,400.00
FHWA (SC PL)		\$3,200.00	\$3,200.00
GA DOT (PL Match)	\$800.00		\$800.00
ARCPC (GA PL Match)	\$800.00		\$800.00
ACPDD (SC PL Match)		\$800.00	\$800.00
TOTALS	\$8,000.00	\$4,000.00	\$12,000.00

### **WORK ELEMENT 3.4 - TRANSPORTATION SURVEYS, MODELS AND ANALYSIS**

**Purpose:** To promote and encourage traffic safety throughout the ARTS area. To compile and distribute historical and current accident statistics and other data related to traffic safety to the public at-large and to state and local officials responsible for traffic and transportation safety.

**Activity:** To collect intersection accident data from the ARTS area counties and compile into an annual report. Accident data will be compiled on intersections in Augusta-Richmond County where twenty (20) or more accidents have occurred in the past calendar year. Data on Columbia County intersections where ten (10) or more accidents have occurred will also be collected. In addition, data will be collected on the top five accident locations, including time of accident, weather condition, severity and type of accident.

ACPDD will collect and compile intersection accident data for the South Carolina portion of the ARTS area for inclusion in the report. Accident data will be collected from four intersections that are scene of the most number of accidents and where one or more fatalities occur.

**Product:** ARTS Intersection Accident Analysis Report based on calendar year 2005 data.

**Previous Work:** ARTS Intersection Accident Analysis Report based on calendar years 2003 - 2004 data.

#### **Work Schedule**

ACTIVITY	EXPECTED COMPLETION DATE
1. Gather accident data from Richmond and Columbia County Traffic Engineering, and Aiken County Planning and Development Department.	August 2006
2. Sort and compile data into required format	October 2006
3. Prepare maps to be used in the report	October 2006
4. Prepare draft IAA report	January 2007
5. Present results of IAA to ARTS committees	March 2007
6. Prepare and public final IAA Report	June 2007
7. Amend Long Range Transportation Plan and/or TIP to incorporate new Intersection Improvement Projects.	As Needed

#### **COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

##### **RESPONSIBLE AGENCY**

FUNDING SOURCE	ARCPC	ACPDD	TOTALS
FHWA (GA PL)	\$9,600.00		\$9,600.00
FHWA (SC PL)	\$720.00	\$3,600.00	\$4,320.00
GA DOT (PL Match)	\$1,200.00		\$1,200.00
ARCPC (GA PL Match)	\$1,200.00		\$1,200.00
ACPDD (SC PL Match)	\$180.00	\$900.00	\$1,080.00
TOTALS	\$12,900.00	\$4,500.00	\$17,400.00

## **SYSTEM PLANNING**

### ***WORK ELEMENTS:***

- 4.1** Congestion Management
- 4.2** Transit / Paratransit
  - 4.2.1** Air Quality Issues
  - 4.2.2** Management & Operations - APT
  - 4.2.3** Program Administration - Aiken County Transit
  - 4.2.4** DBE Planning
  - 4.2.5** Transit Project Administration
  - 4.2.6** Coordination of Non-Emergency Services - SC
  - 4.2.7** Marketing & Public Information - SC
  - 4.2.8** Short Range Transit Planning - SC
  - 4.2.9** Long Range Transit Planning - SC
  - 4.2.10** Transit Financial Planning - SC
  - 4.2.11** Environmental Justice
- 4.3** Intermodal Planning
- 4.4** Air Quality Issues
- 4.8** GIS / Internet Development and Applications
- 4.11** Long Range Plan
- 4.12** Transportation Improvement Program
- 4.13** Special Transportation Studies





## **WORK ELEMENT 4.1 - CONGESTION MANAGEMENT**

**Purpose:** To continue implementing the ARTS Congestion Management System (CMS) and incorporating congestion mitigation strategies and projects into the Long Range Plan and TIP.

**Activity:** The purpose of the ARTS CMS is to document traffic congestion on major transportation corridors in the study area, identify strategies for reducing or eliminating the congestion, and track and/or program the implementation of congestion mitigation projects. Travel time surveys are conducted on some of the transportation corridors each year. Congestion levels are then assigned based on how much the average speed recorded during the survey deviates from the posted speed limit for each route. Congestion mitigation strategies are then identified for each route and tracked until implemented.

The MPO is responsible for coordinating all CMS activities including surveying the CMS routes in the Georgia part of the study area. ACPDD surveys the CMS routes in the South Carolina part of the study area and submits the results to the MPO for inclusion in the final report. The MPO and ACPDD continuously monitor transportation facilities for congestion mitigation strategies. The MPO will review the existing CMS and its application within the ARTS planning process and the Long Range Transportation Plan. Changes will be made to the CMS as a result of this review in order to meet the SAFETEA-LU provisions related to the Congestion Management Process.

**Product:** Complete travel time survey for the ARTS CMS; publish the annual ARTS CMS Report; implement specific congestion management strategies identified in the CMS Report. **In addition, the 2007 will attempt to document the congestion caused by railroads and to incorporate GDOT's Freight Study into the planning process (2004 Certification Recommendation # 2).**

**Previous Work:** The MPO and ACPDD completed all activities in the CMS work schedule and the 2006 Congestion Management System report was prepared and distributed.

### **Work Schedule:**

<b>ACTIVITY</b>	<b>EXPECTED COMPLETION DATE</b>
1. Determine routes to be surveyed based on CMS data collection schedule, status of mitigation projects, and changes in the ARTS study area boundary.	September 2006
2. Integrate a transit element into the CMS based on work plan developed as part of the Long Range Transportation Plan update	December 2006
3. Conduct travel time survey of identified routes using GPS equipment	April 2007
4. Document status of mitigation projects included in previous year's CMS report	May 2007
5. Complete segment speed worksheets based on results of travel time survey	May 2007
6. Identify congestion mitigation strategies for the surveyed routes	May 2007
7. Prepare draft CMS report	May 2007
8. Present results of CMS to ARTS committees	June 2007

ACTIVITY	EXPECTED COMPLETION DATE
9. Prepare and publish final CMS	June 2007
10. Amend Long Range Plan and / or TIP by incorporating any new congestion mitigation projects resulting from the CMS	On going/As needed
11. Evaluate CMS Work Plan and amend based on experience gained from yearly update	On going/As needed

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**RESPONSIBLE AGENCY**

FUNDING SOURCE	ARCPC	ACPDD	GA DOT	SC DOT	TOTALS
FHWA (SPR)			\$4,464.00	\$1,200.00	\$5,664.00
FHWA (GA PL)	\$13,600.00				\$13,600.00
FHWA (SC PL)	\$800.00	\$2,240.00			\$3,040.00
FTA (SEC 5303)	\$4,800.00				\$4,800.00
GA DOT (SPR Match)			\$1,116.00		\$1,116.00
GA DOT (PL Match)	\$1,700.00				\$1,700.00
GA DOT (SEC 5303 Match)	\$600.00				\$600.00
SC DOT (SPR Match)				\$300.00	\$300.00
ARCPC (GA PL Match)	\$1,700.00				\$1,700.00
ARCPC (SEC 5303 Match)	\$600.00				\$600.00
ACPDD (SC PL Match)	\$200.00	\$560.00			\$760.00
TOTALS	\$24,000.00	\$2,800.00	\$5,580.00	\$1,500.00	\$33,880.00

## **WORK ELEMENT 4.2 TRANSIT / PARATRANSIT**

### **WORK ELEMENT 4.2.1 - PUBLIC ADMINISTRATION - AUGUSTA PUBLIC TRANSIT**

**Purpose:** To provide planning and administrative assistance to Augusta Public Transit.

**Activity:** In previous years the MPO staff has provided assistance to Augusta Public Transit as needed in preparing financial and operation's reports required by the Federal Transit Act of 1991. Assistance in the preparation of the National Transit Data base (NTD) reports will be continued.

Additional administrative assistance will include:

1. Preparing required certifications;
2. Updating annual Title VI assurances;
3. Providing opportunity for public hearings on grant applications and fare/service changes;
4. Processing procurements involving Federal and State funds;
5. Assisting in planning for transit system capital investments that will lead to increased security for the transit system;
6. Monitoring requirements of the grant process (e.g. labor certifications, third party contracting, bidding and award process);
7. Developing the Georgia public transportation portion of the Unified Planning Work Program; and
8. Providing technical assistance on any transit related issues facing APT.

**Product:** Submission of a grant application on behalf of Augusta Public Transit for capital and operating assistance. Submission of the NTD Report. Preparation of the GA UPWP transit elements.

**Previous Work:** Staff prepared and submitted for review and approval grant applications and the NTD report. UPWP transit elements were prepared.

**Work Schedule:** July 2006 through June 2007

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

	RESPONSIBLE AGENCY	
FTA (SEC 5303)	\$64,880.80	\$64,880.80
GA DOT (SEC 5303 Match)	\$8,110.10	\$8,110.10
ARCPC (SEC 5303 Match)	\$8,110.10	\$8,110.10
TOTALS	\$81,101.00	\$81,101.00

#### **WORK ELEMENT 4.2.2 - MANAGEMENT & OPERATIONS - APT**

**Purpose:** To explore alternative financial resources that may be available to assist in financing public transportation service and to assess the financial capacity of Augusta Public Transit as required by FTA Circular 7088.1.

**Activity:** The major activity will be to continue assessing the financial capability of Augusta Public Transit and to secure other possible funding sources.

**Product:** Update Financial Capacity Assessment.

**Previous Work:** The Financial Capacity Assessment was updated for the Augusta Public Transit.

**Work Schedule:** July 2006 through June 2007

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

RESPONSIBLE AGENCY		
FUNDING SOURCE	ARCPC	TOTALS
FTA(SEC 5303)	\$4,800.00	\$4,800.00
GA DOT (SEC 5303 Match)	\$600.00	\$600.00
ARCPC (SEC 5303 Match)	\$600.00	\$600.00
TOTALS	\$6,000.00	\$6,000.00

#### **WORK ELEMENT 4.2.3 - PROGRAM ADMINISTRATION - AIKEN COUNTY TRANSIT**

**Purpose:** To provide planning and administrative assistance for the Aiken County Transit System.

**Activity:** The Lower Savannah Council of Governments' staff is responsible for both administering the operating of the Transit System, and for undertaking the public transportation planning necessary to support the Transit System. The Transit System staff will undertake the following primary activities :

- ☒ Provide staff support to the Regional Transit Management Association (RTMA) Advisory Committee as they provide input concerning efficiencies, routing, and enhancement of the existing Best Friend Express system.
- ☒ Actively participate in ARTS Committee meetings;
- ☒ Continue work on behalf of Aiken County for submission of grant applications to appropriate sources.
- ☒ Administer related planning requirements;
- ☒ Contract with Aiken Area Council on Aging for planning and administrative funds for the Best Friend Express and Dial-a-Ride operations provided monitoring of current contract indicates all measurements have been fulfilled and third year extension of the contract is warranted
- ☒ Provide opportunity for public hearings on grant applications and fare/service changes;
- ☒ Participate in transit planning related seminars, conferences, and meetings to expand the working knowledge of transit planning methods, tools, and procedures.

**Product:** Quarterly updates to Aiken County Council , FTA, and SCDOT on operation of the Best Friend Express and the overall Aiken County Transit Program.

**Previous Work:** Staff provided support to the ACTC, administered the operation of the transit system and prepared and submitted grant applications for the operation of the transit system. Aiken County Council has decided by Council action to transfer administrative responsibilities of the Aiken County Transit program to Lower Savannah Council of Governments. Lower Savannah Council of Governments currently operates a Regional Transit Management Association (RTMA) for a six county region, including the rural portion of Aiken County.

**Work Schedule:** July 2006 through June 2007

#### **COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

	RESPONSIBLE AGENCY	
FTA (SEC 5303)	\$16,000.00	\$16,000.00
FTA (SEC 5307)	\$35,000.00	\$35,000.00
SC DOT (SEC 5303 Match)	\$2,000.00	\$2,000.00
SC DOT (SEC 5307 Match)	\$4,375.00	\$4,375.00
LSCOG (SEC 5303 Match)	\$2,000.00	\$2,000.00
LSCOG (SEC 5307 Match)	\$4,375.00	\$4,375.00
TOTALS	\$63,750.00	\$63,750.00

#### **WORK ELEMENT 4.2.4 - DBE PLANNING**

**Purpose:** Planning support will be provided to APT in meeting requirements to comply with Federal regulations concerning the Disadvantaged Business Enterprise Program.

**Activity:** The activities planned under this work element will include the maintenance of the DBE Program for Augusta Public Transit as required by the FTA Circular 4716.1A. Establishment of the annual DBE goals along with monitoring the program will be conducted.

**Product:** Maintenance of the Augusta Public Transit's DBE Program and the submission of annual goals.

**Previous Work:** Augusta Public Transit's DBE Program was maintained and annual goals were submitted for review and approval.

**Work Schedule:** July 2006 through June 2007

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

<b>RESPONSIBLE AGENCY</b>		
<b>FUNDING SOURCE</b>	<b>ARCPC</b>	<b>TOTALS</b>
FTA (SEC 5303)	\$1,600.00	\$1,600.00
GA DOT (SEC 5303 Match)	\$200.00	\$200.00
ARCPC (SEC 5303 Match)	\$200.00	\$200.00
<b>TOTALS</b>	<b>\$2,000.00</b>	<b>\$2,000.00</b>

#### **WORK ELEMENT 4.2.5 - TRANSIT PROJECT ADMINISTRATION - (SC)**

**Purpose:** To provide transit project planning and administration assistance for the Aiken County Transit System.

**Activity:** The Lower Savannah Council of Government's staff is responsible for both administering the operation of the Aiken County Transit System and for undertaking the transit planning necessary to support the Transit System. In FY 2007, the Lower Savannah Council of Government System staff will undertake the following primary activities:

-Monitor and Administer the Aiken Area Council on Aging contract for operation of the Best Friend Express and Dial-A-Ride.

**Product:** -Best Friend Express Contract  
-Dial-A-Ride Contract

**Previous Work:** Previously Aiken County Transit Staff prepared contracts and administered the operation of the transit system for Aiken County. That responsibility has been transferred to Lower Savannah Council of Governments by Aiken county Council.

**Work Schedule:** July 2006 through June 2007

#### **COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

FUNDING SOURCE	RESPONSIBLE AGENCY	
	LSCOG	TOTALS
FTA (SEC 5307)	\$28,000.00	\$28,000.00
SC DOT (SEC 5307 Match)	\$3,500.00	\$3,500.00
LSCOG (SEC 5307 Match)	\$3,500.00	\$3,500.00
TOTALS	\$35,000.00	\$35,000.00

#### **WORK ELEMENT 4.2.6 - COORDINATION OF NON-EMERGENCY SERVICES**

**Purpose:** To conduct transportation planning activities that focus on the provision of sufficient public transportation service for the elderly and disabled and to implement Americans with Disabilities Act requirements.

**Activity:** On July 26, 1990, the Americans with Disabilities Act of 1990 (ADA) was signed into law. The ADA expands on the Section 504 program to comprehensively address mobility needs of persons with disabilities. The ADA has already had sweeping implications for transportation providers by requiring that the purchase or lease of new transit vehicles be accessible to and usable by individuals with disabilities, including individuals who use wheelchairs. In July of 1991, the US. Department of Transportation issued a final rule which required each public entity operating a fixed route system to submit a plan to comply with the ADA by January of 1992. Thereafter the commencement of the implementation of that plan was to take effect, which should include the provision of supplemental paratransit service to meet the operational specifications of the ADA act. Under the Act Augusta Public Transit and Aiken County Transit will be required to develop and maintain a comprehensive paratransit plan.

**Product:** Annual update of the complementary paratransit plan for Augusta Public Transit and Aiken County Transit

**Previous Work:** The annual update of the complementary paratransit plan for Augusta Public Transit and Aiken County Transit was prepared.

**Work Schedule:** July 2006 through June 2007

#### **COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

FUNDING SOURCE	RESPONSIBLE AGENCY		TOTALS
	ARCPC	LSCOG	
FTA (SEC 5303)	\$1,600.00	\$1,000.00	\$2,600.00
GA DOT (SEC 5303 Match)	\$200.00		\$200.00
SC DOT (SEC 5303 Match)		\$125.00	\$125.00
ARCPC (SEC 5303 Match)	\$200.00		\$200.00
LSCOG (SEC 5303 Match)		\$125.00	\$125.00
TOTALS	\$2,000.00	\$1,250.00	\$3,250.00



#### **WORK ELEMENT 4.2.7 - MARKETING AND PUBLIC INFORMATION - (SC)**

**Purpose:** To plan and implement the marketing strategy for the continued success of the Aiken County Transit System.

**Activity:** Marketing will continue to be a priority in for the Aiken County Transit System. A marketing plan is in place which will continue to encompass the following areas:

1. Marketing campaigns for specific services.
  - Marketing of any new or revised service
  - Marketing of service for ADA eligible individuals
2. General awareness and promotional campaigns.
  - Expanded availability of information and schedules
  - Special elderly and disabled fares and service
  - Activities to improve public visibility and general awareness of transit service

**Product:** Annual marketing program encompassing the above primary goals.

**Previous Work:** Previously new bus route time schedules were produced and distributed to the public. Public hearings were held to notify the public and solicit comments on the changes to the transit system. Lower Savannah Council of Governments will continue all marketing efforts of the system.

**Work Schedule:** July 2006 through June 2007

#### **COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

RESPONSIBLE AGENCY		
FUNDING SOURCE	LSCOG	TOTALS
FTA (SEC 5303)	\$1,300.00	\$1,300.00
SC DOT SEC 5303 Match	\$162.50	\$162.50
LSCOG (SEC 5303 Match)	\$162.50	\$162.50
FTA (SEC 5307)	\$2,000.00	\$2,000.00
SC DOT (SEC 5307 Match)	\$250.00	\$250.00
LSCOG (SEC 5307 Match)	\$250.00	\$250.00
TOTALS	\$4,125.00	\$4,125.00

#### **WORK ELEMENT 4.2.8 - SHORT-RANGE TRANSIT PLANNING - SC**

**Purpose:** To provide short-range planning assistance for the Aiken County Transit System.

**Activity:** The Lower Savannah Council of Government's staff is responsible for both administering the operation of the transit system and for undertaking the public transportation planning necessary to support the transit system. In this program year, the transit system staff will undertake the following primary activities:

1. Prepare operations reports required by Federal and State funding agencies;
2. Undertake periodic evaluation of service to identify the potential to enhance the service and increase use;
3. Undertake monitoring requirements of the grant process, i.e., bidding and award process, third party contracting and bus purchases;
4. Prepare the annual NTD report;
5. Prepare the annual update to the Title VI Assurances.
6. Participation in the metropolitan planning process, specifically preparation of the UPWP.

**Product:**

- The annual update to the Title VI Assurances;
- The annual NTD report.
- The UPWP

**Previous Work:** LSCOG Transit Staff prepared operations reports for federal and state agencies; evaluated service; monitored grants, bidding and award process, contracts and purchases; prepared the annual NTD report and annual update to Title VI; and participated in the planning process.

**Work Schedule:** July 2006 through June 2007

#### **COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

RESPONSIBLE AGENCY		
FUNDING SOURCE	LSCOG	TOTALS
FTA (SEC 5307)	\$16,000.00	\$16,000.00
SC DOT (SEC 5307 Match)	\$2,000.00	\$2,000.00
LSCOG (SEC 5307 Match)	\$2,000.00	\$2,000.00
TOTALS	\$20,000.00	\$20,000.00

#### **WORK ELEMENT 4.2.9 - LONG-RANGE TRANSIT PLANNING - SC**

**Purpose:** To provide long-range planning assistance for the Aiken County Transit System.

**Activity:** The Lower Savannah Council of Government's staff is responsible for both administering the operation of the Transit System and for undertaking the public transportation planning necessary to support the Transit System. In FY 2007, the Lower Savannah Council of Government's staff and Aiken County Planning staff will undertake the following primary activities:

1. Participation in the metropolitan planning process, specifically preparation of the TIP;
2. Participation in Statewide and Regional Transit Development & Coordination Plans.

**Product:** -The Aiken County Transit System portion of the Statewide Transit Development and Coordination Plan.  
-The Regional Transit Coordination Plan.  
-The TIP

**Previous Work:** Aiken County Transit Staff prepared the Aiken County portion of the Statewide Transit Development and Coordination Plan, the Regional Transit Coordination Plan. and the Transportation Improvement Program.

**Work Schedule:** July 2006 through June 2007

#### **COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

	RESPONSIBLE AGENCY	
FUNDING SOURCE	LSCOG	TOTALS
FTA (SEC 5303)	\$800.00	\$800.00
FTA (SEC 5307)	\$3,200.00	\$3,200.00
SC DOT (SEC 5303 Match)	\$100.00	\$100.00
SC DOT (SEC 5307 Match)	\$400.00	\$400.00
LSCOG (SEC 5303 Match)	\$100.00	\$100.00
LSCOG (SEC 5307 Match)	\$400.00	\$400.00
TOTALS	\$5,000.00	\$5,000.00

#### **WORK ELEMENT 4.2.10 - TRANSIT FINANCIAL PLANNING - SC**

**Purpose:** To provide financial planning assistance for the Aiken County Transit System.

**Activity:** The Lower Savannah Council of Government's staff is responsible for both administering the operation of the Transit System and for undertaking the public transportation planning necessary to support the Transit System. In FY 2007, the Transit System staff will undertake the following primary activities:

1. Prepare financial reports required by Federal and State funding agencies.
2. Assist the County in obtaining Federal and State funds to operate and equip the Transit System.
3. Develop a diverse, stable revenue base for the Transit System.
4. Explore alternative financial resources available to assist financing transit services and to assess the financial capacity of the Aiken County Transit System as required by FTA Circular #7088.1.

**Product:**

- Federal and State Quarterly Progress Reports.
- Federal and State Quarterly Financial Reports.
- FTA 5307 Grant Application.
- FTA 5303 Grant Application.
- State application for SMTF Funds.
- Financial Capacity Assessment.

**Previous Work:** Lower Savannah Council of Governments' staff prepared quarterly progress and financial reports; grant applications for 5303, 5307 and SMTF funds and a financial capacity assessment.

**Work Schedule:** July 2006 through June 2007

#### **COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

FUNDING SOURCE	RESPONSIBLE AGENCY	
	LSCOG	TOTALS
FTA (SEC 5307)	\$11,200.00	\$11,200.00
SC DOT (SEC 5307 Match)	\$1,400.00	\$1,400.00
LSCOG (SEC 5307 Match)	\$1,400.00	\$1,400.00
TOTALS	\$14,000.00	\$14,000.00

#### **WORK ELEMENT 4.2.11 - ENVIRONMENTAL JUSTICE**

**Purpose:** To identify locations of welfare populations and entry level jobs and to link the two through the public transportation system.

**Activity:** ARTS staff will work with area social service agencies to develop a coordinated strategy to make transportation services available to people making the transition from welfare to work.

**Product:** Access to Jobs strategy.

**Previous Work:** During the last program year staff worked with social service agencies to develop strategies and provide transportation to people making the transition from welfare to work.

**Work Schedule:** During this program year ARTS staff will continue to work with social service agencies, welfare recipients and other stakeholders to maintain and improve the link between welfare recipients and EJ communities and job opportunities.

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

FUNDING SOURCE	<i>RESPONSIBLE AGENCY</i>	
	ARCPC	TOTALS
FTA (SEC 5303)	\$3,200.00	\$3,200.00
GA DOT (SEC 5303 Match)	\$400.00	\$400.00
ARCPC (SEC 5303 Match)	\$400.00	\$400.00
TOTALS	\$4,000.00	\$4,000.00

### **WORK ELEMENT 4.3 - INTERMODAL PLANNING**

**Purpose:** To incorporate bicycle, pedestrian, transit, freight and non-motorized transportation planning activities into the overall ARTS transportation planning process. To implement projects that resolve conflicts between modes of transportation, such as rail / highway conflicts, and projects that improve connections among modes of transportation.

**Activity:** During the coming program year ARTS area stakeholders will initiate preliminary engineering work on the Norfolk Southern railroad relocation project, work to secure additional funding for improvements to transit facilities, and implement additional bicycle and pedestrian projects.

**Product:** Work related to railroad relocation, transit facilities and bicycle and pedestrian projects

**Previous Work:** An earmark of \$2.0 million was included in the FY 2004 Federal budget for planning and preliminary engineering of a project to relocate the Norfolk Southern main line and upgrade the CSX Belt Line Railroad in Augusta. The main component of the project would relocate the Norfolk Southern Railroad line out of downtown Augusta and the North Augusta riverfront. A second component involves upgrading the Belt Line Railroad so that CSX traffic could use it to shuttle between the main switchyard on Laney-Walker Blvd. and the Harrisonville Yard near 15<sup>th</sup> St. and Wrightsboro Road. If the Beltline is used then the old Georgia Railroad line tracks along R. A. Dent Blvd. could be abandoned.

On a related matter transit stakeholders in Augusta advocated for Special Purpose Local Options Sales Tax (SPLOST) funding to rehabilitate transit facilities and to construct a permanent transfer facility in south Augusta. The Augusta Commission approved \$5.0 million of the request to be added to the November 2, 2004 SPLOST referendum. The referendum was defeated by voters, but another referendum is expected in November 2005 and stakeholders will continue to advocate for funding of transit improvements as part of the SPLOST ballot.

During calendar year 2004 bicycle and pedestrian-related projects were completed in the Augusta Canal National Heritage Area. Projects completed during the year included Phase II of the Bikeway/Multi-Use Trail Improvements and the restoration of three historic structures (Lockkeepers Cottage, Dance Pavilion, Barbeque Pit) at the Head gates. Construction of two replica Petersburg boats was completed and they are used to provide tours on the canal. Construction continued on a phase of the Evans-to-Lock Road Multi-Use Trail in Columbia County.

**Work Schedule:** Initiate preliminary engineering on the rail relocation project affecting downtown Augusta and North Augusta; secure local SPLOST funding for improvements to Augusta Transit facilities; implement bicycle and pedestrian projects.

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

FUNDING SOURCE	<b><i>RESPONSIBLE AGENCY</i></b>			TOTALS
	ARCPC	ACPDD	GA DOT	
FHWA (SPR)			\$4,464.00	\$4,464.00
FHWA (GA PL)	\$20,000.00			\$20,000.00
FHWA (SC PL)	\$1,600.00	\$1,600.00		\$3,200.00
FTA (SEC 5303)	\$4,800.00			\$4,800.00
GA DOT (SPR Match)			\$1,116.00	\$1,116.00
GA DOT (PL Match)	\$2,500.00			\$2,500.00
GA DOT (SEC 5303 Match)	\$600.00			\$600.00
ARCPC (GA PL Match)	\$2,500.00			\$2,500.00
ARCPC (SEC 5303 Match)	\$600.00			\$600.00
ACPDD (SC PL Match)	\$400.00	\$400.00		\$800.00
TOTALS	\$33,000.00	\$2,000.00	\$5,580.00	\$40,580.00

#### **WORK ELEMENT 4.4 - AIR QUALITY ISSUES**

**Purpose:** To monitor relevant air quality data and regulations, assist in implementing local air quality initiatives resulting from Early Action Compacts, keep local stakeholders informed about air quality issues, and participate in air quality training.

**Activity:** ARTS staff will continue to monitor relevant air quality data and regulations, assist in implementing local air quality initiatives resulting from Early Action Compacts, keep local stakeholders informed about air quality issues, and participate in air quality training.

**Product:** No single product will be the end result of this work element. ARTS stakeholders will continue implementing local emission reduction strategies included in the Early Action Plans.

**Previous Work:** During the year 2005 elected officials in both Richmond County and Aiken County resolved to continue participating in the Early Action Compact (EAC) program in spite of the fact that both communities are in attainment for ozone. As a result, ARTS staff continued to work with local and state-level stakeholders to implement emission reduction strategies and to meet the EAC milestones. Examples of local emission reduction strategies include educating the public about ways to improve air quality, working with local stakeholders on issues related to a seasonal outdoor burning ban and Stage I Vapor Recovery Program, and implementing local greenspace protection programs. These and other strategies were incorporated into Early Action Plans (EAP) for Air Quality. The EAPs were then included in the State Implementation Plans (SIP) for Georgia and South Carolina.

ARTS staff continued to monitor developments related to completion of the Fall Line Air Quality Study (FAQS) and changes in federal air quality regulations. Staff also provided ARTS committees and other stakeholders with regular updates on the EAC and air quality issues.

**Work Schedule:** Continue to monitor local air quality data, participate in the Early Action Compact program, assist in implementation of local emission reduction strategies, monitor developments related to federal air quality regulations and requirements, attend air quality training workshops, and disseminate information to stakeholders in the study area. All of these activities will be ongoing throughout the program year.

#### **COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

FUNDING SOURCE	RESPONSIBLE AGENCY				TOTALS
	ARCPC	ACPDD	GA DOT	SC DOT	
FHWA (SPR)			\$4,464.00	\$800.00	\$5,264.00
FHWA (GA PL)	\$8,000.00				\$8,000.00
FHWA (SC PL)	\$1,200.00	\$3,600.00			\$4,800.00
FTA (SEC 5303)	\$1,600.00				\$1,600.00
GA DOT (SPR Match)			\$1,116.00		\$1,116.00
GA DOT (PL Match)	\$1,000.00				\$1,000.00
GA DOT (SEC 5303 Match)	\$200.00				\$200.00
SC DOT (SPR Match)				\$200.00	\$200.00
ARCPC (GA PL Match)	\$1,000.00				\$1,000.00
ARCPC (SEC 5303 Match)	\$200.00				\$200.00
ACPDD (SC PL Match)	\$300.00	\$900.00			\$1,200.00
TOTALS	\$13,500.00	\$4,500.00	\$5,580.00	\$1,000.00	\$24,580.00



#### **WORK ELEMENT 4.8 - GIS / INTERNET DEVELOPMENT AND APPLICATIONS**

**Purpose:** Use local Geographic Information Systems (GIS) and internet websites in the transportation planning process. Update computer hardware and software as necessary to keep pace with changes in GIS and other computer programs.

**Activity:** The MPO will use GIS and the internet in the transportation planning process. The MPO will also purchase computer hardware and software as needed for use in transportation-related GIS and administrative applications. Thematic maps can be created for the entire study area using Census and CTPP information. Both the MPO and Aiken County will use internet websites to share information about the ARTS transportation planning process.

**Product:** Products will include a wide variety of maps depicting such information as socioeconomic characteristics, transit routes, TIP and LRTP project locations and CMS routes.

**Previous Work:** Maps were generated for a number of purposes throughout the year. Computer hardware and software upgrades were made so that new databases and GIS data can be developed. Aiken County added a new license (seat) for ArcInfo to the current GIS system, thus making the information available to more county staff members. Additionally, mapping staff developed GIS layers with traffic engineering data (e.g. location of stop signs and traffic signals). Previously, Aiken County produced digital orthophotos for the GIS and added tax parcel and road centerline layers to the GIS.

#### **Work Schedule:**

<b>ACTIVITY</b>	<b>EXPECTED COMPLETION DATE</b>
1. Prepare and use GIS maps for transportation planning and analysis	As needed throughout program year
2. Update website information on ARTS meetings and events	Monthly throughout program year
3. Post summary results of 2006 CMS on MPO website	July 2006
4. Post 2007 UPWP Summary on MPO website	July 2006
5. Post Final 2007-09 TIP on MPO website	July 2006
6. Post Draft 2008 UPWP Summary on MPO website	January 2007
7. Post Draft 2008-10 TIP on MPO website	March 2007

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

FUNDING SOURCE	<b><i>RESPONSIBLE AGENCY</i></b>		TOTALS
	ARCPC	ACPDD	
FHWA (GA PL)	\$12,000.00		\$12,000.00
FHWA (SC PL)		\$40,000.00	\$40,000.00
GA DOT (PL Match)	\$1,500.00		\$1,500.00
ARCPC (GA PL Match)	\$1,500.00		\$1,500.00
ACPDD (SC PL Match)		\$10,000.00	\$10,000.00
TOTALS	\$15,000.00	\$50,000.00	\$65,000.00

#### **WORK ELEMENT 4.11 - LONG RANGE PLAN**

**Purpose:** Update and maintain the ARTS Long Range Transportation Plan in accordance with transportation planning regulations.

**Activity:** Review and update the ARTS Long Range Plan as necessary in response to changing transportation needs and priorities and to conform with transportation planning regulations. Note that this work element funds ARTS staff work in support of any plan update or amendment.

**Product:** Updates or amendments to the ARTS Long Range Transportation Plan as needed.

**Previous Work:** A complete update of the ARTS Long Range Transportation Plan was finished during FY 2006. ARTS staff was involved in all of the plan update tasks. In particular, staff managed all aspects of the contract with the project consultant, developed base year (2002) socioeconomic data estimates, performed quality control on the horizon year (2030) socioeconomic projections developed by the consultant, assisted with agency coordination and public involvement activities, and reviewed all deliverables submitted by the consultant. The completed 2030 ARTS Long Range Transportation Plan is fiscally constrained (**2004 Certification Corrective Action**) includes a process for prioritizing projects in the plan (**2004 Certification Recommendation # 8**). Staff also provided regular updates on the project to all ARTS committees. Note that work by the project consultant, URS, is documented under Work Element 4.13, Special Studies.

**Work Schedule:** Update or amend the 2030 ARTS Long Range Transportation Plan as necessary throughout the program year.

#### **COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

FUNDING SOURCE	RESPONSIBLE AGENCY				TOTALS
	ARCPC	ACPDD	GA DOT	SC DOT	
FHWA (SPR)			\$8,928.00	\$3,200.00	\$12,128.00
FHWA (GA PL)	\$6,400.00				\$6,400.00
FHWA (SC PL)	\$800.00	\$3,200.00			\$4,000.00
FTA (SEC 5303)	\$3,200.00				\$3,200.00
GA DOT (SPR Match)			\$2,232.00		\$2,232.00
GA DOT (PL Match)	\$800.00				\$800.00
GA DOT (SEC 5303 Match)	\$400.00				\$400.00
SC DOT (SPR Match)				\$800.00	\$800.00
ARCPC (GA PL Match)	\$800.00				\$800.00
ARCPC (SEC 5303 Match)	\$400.00				\$400.00
ACPDD (SC PL Match)	\$200.00	\$800.00			\$1,000.00
TOTALS	\$13,000.00	\$4,000.00	\$11,160.00	\$4,000.00	\$32,160.00

## **WORK ELEMENT 4.12 - TRANSPORTATION IMPROVEMENT PROGRAM**

**Purpose:** Update the ARTS Transportation Improvement Program (TIP) in conformance with Federal regulations.

**Activity:** Develop and publish an updated TIP for the ARTS area. The TIP is a staged, multi-year, intermodal program of transportation projects consistent with the ARTS Long Range Transportation Plan. The updated TIP will cover a three-year period (FY 2008-2010) for the Georgia part of the study area, and a five-year period (2008-2012) for the South Carolina part of the study area. Following are the basic steps in the development of the TIP.

1. **Test Transportation Network** – Under the guidance of the Test Network Subcommittee, the ARTS travel demand model is tested based on updated conditions (e.g. socioeconomic factors, projects moving to construction, etc.) in order to develop an updated profile of regional transportation needs.
2. **Develop Draft TIP** – A draft version of the TIP is developed in cooperation with all stakeholders. Projects that have moved to construction are replaced by other ones currently in Tier II or the Long Range Transportation Plan. Projects are prioritized based on such factors as need, the amount of available funds, adherence to regional goals, and relationship to TEA 21 planning factors. The draft includes profiles (description, budget, map, priority #, etc.) of each project (e.g. road, bridge, transit, bike-pedestrian, safety etc.) and a financial plan.
3. **Adopt Draft TIP** – The draft TIP is adopted by the ARTS Policy Committee
4. **Public Review and Comment on Draft TIP** – The draft TIP is made available for public review and comment for 30 days. A variety of media (newspaper, TV, radio, direct mail) are used to make the public aware of the review period and to solicit input. Public meetings are held to obtain additional input.
5. **Adopt Final TIP** – The final TIP is adopted by the ARTS Policy Committee, incorporating any changes resulting from review and comment by the general public and other stakeholders.
6. **Implement TIP** – Projects in the TIP are implemented in accordance with the approved schedule. Implementation is done cooperatively by all stakeholders. During the course of implementation, it may be necessary to amend the TIP in response to changes in the scope, cost or priority of projects.

**Product:** Updated ARTS Transportation Improvement Program (TIP). The MPO will evaluate the option of incorporating SAFETEA-LU planning provisions into the Transportation Improvement Program prior to July 1, 2007. The MPO will be SAFETEA-LU compliant for TIPs adopted after July 1, 2007.

**Previous Work:** The FY 2007-2009 ARTS Transportation Improvement Program (TIP) was developed during the last two quarters of the FY 2006 program year. The first three steps in the process – Test Transportation Network, Develop Draft TIP, and Adopt Draft TIP – were completed between January and March 2006. The Next two steps – Public Review and Final Adoption – were completed between April and June. Implementation of the TIP is ongoing.

**Work Schedule:** The schedule for development of the TIP is as follows:

ACTIVITY	EXPECTED COMPLETION DATE
1. Test Transportation Network	January 18, 2007
2. Develop Draft TIP	February 16, 2007
3. Adopt Draft TIP	March 1, 2007
4. Public Review and Comment	April 19, 2007
5. Adopt Final TIP	June 7, 2007
6. Implement TIP	Ongoing after June 7, 2007

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

FUNDING SOURCE	<b><i>RESPONSIBLE AGENCY</i></b>					TOTALS
	ARCPC	ACPDD	LSCOG	GA DOT	SC DOT	
FHWA (SPR)				\$4,464.00	\$2,000.00	\$6,464.00
FHWA (GA PL)	\$13,600.00					\$13,600.00
FHWA (SC PL)	\$1,600.00	\$3,600.00				\$5,200.00
FTA (SEC 5303)	\$8,000.00		\$1,000.00			\$9,000.00
GA DOT (SPR Match)				\$1,116.00		\$1,116.00
GA DOT (PL Match)	\$1,700.00					\$1,700.00
GA DOT (SEC 5303 Match)	\$1,000.00					\$1,000.00
SC DOT (SEC 5303 Match)			\$125.00			\$125.00
SC DOT (SPR Match)					\$500.00	\$500.00
ARCPC (GA PL Match)	\$1,700.00					\$1,700.00
ARCPC (SEC 5303 Match)	\$1,000.00					\$1,000.00
ACPDD (SC PL Match)	\$400.00	\$900.00				\$1,300.00
LSCOG (SEC 5303 Match)			\$125.00			\$125.00
TOTALS	\$29,000.00	\$4,500.00	\$1,250.00	\$5,580.00	\$2,500.00	\$42,830.00

#### **WORK ELEMENT 4.13 - SPECIAL TRANSPORTATION STUDIES**

**Purpose:** To complete transportation studies which may be requested by ARTS participants during the course of the program year.

**Activity:** To fund outside consultants or prepare in-house any transportation or traffic studies which may be needed. Final selection of special studies will depend on the availability of nonfederal share funds.

**Product:** Transportation studies as needed in the ARTS area

**Previous Work:** A complete update of the ARTS Long Range Transportation Plan was finished during FY 2006. The firm URS, Inc., was hired to assist with the plan update. The plan update process was divided into nine (9) major tasks: Project and Agency Involvement and Coordination (including public involvement), Evaluation Framework, Data Organization, Baseline Conditions Assessment, Socio-Economic Data Forecasts, Travel Demand and Air Quality Modeling, Plan Development, Implementation and Financial Planning, and Plan Documentation. The Project Coordination task will be ongoing throughout the plan update process. Tasks completed during FY 2004 included Evaluation Framework, Data Organization, and Baseline Conditions Assessment. Project tasks completed during FY 2005-2006 included Socio-Economic Data Forecasts, and Travel Demand and Air Quality Modeling, Plan Development, Implementation and Financial Planning, and Plan Documentation. For more information about ARTS staff activities related to the plan update see Work Element 4.11, Long Range Plan.

**Work Schedule:** The three special studies listed below are expected to be completed or substantially completed during FY 2007. The work schedule for each project has yet to be finalized.

- **ARTS Regional Freight Planning Study** – The purpose of this study will be to develop a profile of freight movement in the region, identify current and emerging issues in freight movement and develop appropriate policies, strategies and projects to address freight movement needs. It will also be important to identify ways to integrate freight planning into regional transportation planning.
- **Whiskey Road / Powderhouse Road Connector Study (Aiken)** - The purpose of the study will be to develop a concept of right-of-way protection for at least one east-west connector between Whiskey and Powderhouse Roads. The goal would be to determine possible alternative routes and the centerline for the connector road. The termini for the Whiskey/ Powderhouse Road Connector Study would be Whiskey Road and Powderhouse Road. In December 2004, the City of Aiken contracted with Day-Wilburn, Inc. to prepare this study.
- **North / South Connector Road Study (Aiken)** - The purpose of the study will be to develop a concept of right-of-way protection for a north-south connector parallel to Whiskey Road. The goal would be to determine possible alternative routes and the centerline for the connector road. The termini for the North/ South Connector Road Study probably would be South Centennial Ave. in the north and Athol Ave. in the south. In December 2004, the City of Aiken contracted with Day-Wilburn, Inc. to prepare this study.

#### **COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

##### **RESPONSIBLE AGENCY**

FUNDING SOURCE	RESPONSIBLE AGENCY		TOTALS
	ARCPC	ACPDD	
FHWA (GA PL)	\$112,000.00		\$112,000.00
FHWA (SC PL)	\$2,400.00	\$40,000.00	\$42,400.00
GA DOT (PL Match)	\$14,000.00		\$14,000.00
ARCPC (GA PL Match)	\$14,000.00		\$14,000.00

**METROPOLITAN PLANNING ORGANIZATION**

**MEMORANDUM OF UNDERSTANDING**

**FOR THE**

**AUGUSTA REGIONAL TRANSPORTATION STUDY**

**BETWEEN**

The Georgia cities of Hephzibah, Blythe and Grovetown, Columbia County, Georgia, the consolidated government of Augusta-Richmond County, Georgia, the Augusta-Richmond County Planning Commission, Fort Gordon, the Georgia Department of Transportation, the South Carolina Counties of Aiken and Edgefield, the South Carolina Cities of Aiken, North Augusta, and Burnetown, and the South Carolina Department of Transportation, in cooperation with the U.S. Department of Transportation.

**RELATIVE TO**

The urban transportation planning process known as the “Augusta Regional Transportation Study”

**I. IT IS THE INTENTION OF THE PARTIES:**

- A. That the Augusta Regional Transportation Study (ARTS) is to:
1. Maintain a continuing, cooperative and comprehensive transportation planning process as defined in Title 23 USC Section 134 and results in plans and programs consistent with comprehensively planned development of the urbanized area.
  2. Update and revise the 20 Year Multimodal Transportation Plan, to create a fiscally feasible transportation system that integrates thoroughfare development, public mass transportation, air facilities, rail systems, intermodal facilities, bicycle and pedestrian facilities and transportation enhancements; and reflects consideration of the area's comprehensive land use plans and overall social, economic, environmental, and energy conservation plans, goals and objectives.

3. Create a functional relationship between transportation planning and city-county development.
4. Maintain the data obtained in the original data collection phase of the study and any pertinent data collected thereafter on a current level so that existing and forthcoming recommendations may be evaluated and updated periodically.
5. Produce all documents and studies that are necessary to maintain a Certified Transportation Planning Process.

II. **IS FURTHER AGREED**, that the areas of responsibility of the aforementioned counties, municipalities, and government agencies shall lie within the Metropolitan Area Boundary established by the Policy Committee of the Augusta Regional Transportation Study. This area includes all of Richmond County and parts of Columbia County, Aiken County and Edgefield County.

II.

III. **IT IS FURTHER AGREED**, that the Metropolitan Planning Organization (MPO) as designated by the Governors of Georgia and South Carolina is the Augusta-Richmond County Planning Commission. The Augusta MPO shall have the primary responsibility for carrying out the urban transportation planning process and of developing the planning work programs, transportation plan, and transportation improvement program.

IV. **IT IS FURTHER AGREED**, that the ARTS shall be coordinated by a project director who shall be the Executive Director of the Augusta-Richmond County Planning Commission or his designee and the staff of said agency shall serve, in part, as staff to the ARTS program and process. Additional staff resources may be provided, upon request, from the Technical Coordinating Committee (TCC) membership and existing staff resources of the participating agencies and governments. The Project Director shall coordinate all requests under the direction of the Policy Committee.

V. **IT IS FURTHER AGREED**, that the ARTS Policy Committee shall continue to adopt appropriate goals, work programs, and plans; and establish the need, form, and direction of future transportation improvements in the ARTS area. The Policy Committee shall be the MPO forum



for cooperative decision-making by elected and appointed officials of general purpose local government and intermodal transportation providers. The individuals representing the government jurisdictions involved in the ARTS planning process and other involved agencies shall comprise the Policy Committee. The membership shall be enumerated in the Policy Committee Bylaws. The Policy Committee shall have final authority in the matters of policy and plan adoption for the Augusta Regional Transportation Study.

VI.

VI. **IT IS FURTHER AGREED**, that the committee known as the Technical Coordinating Committee (TCC) shall continue to function to assure the involvement of all the applicable departments, advisory agencies, and multimodal transportation providers concerned with, or affected by, the planning process and subsequent implementation of plans. The TCC shall provide the technical guidance and direction of the Augusta Regional Transportation Study. The membership shall be enumerated in the Technical Coordinating Committee Bylaws.

VII. **IT IS FURTHER AGREED**, that the Citizens Advisory Committee (CAC) shall continue to function as a public information and involvement committee, and shall be representative of a cross-section of the community. The CAC shall keep the Policy Committee and the Technical Coordinating Committee informed of the community's perspective and shall also provide information to the community about transportation policies and issues. The membership shall be enumerated in the Citizens Advisory Committee Bylaws.

VIII. **IT IS FURTHER AGREED**, that the various committees meet at the appropriate stages in the planning process in accordance with the bylaws adopted by each committee.

IX. **IT IS FURTHER AGREED**, that the **Georgia Department of Transportation**, only to the extent that it may be bound by contracts which may hereafter be entered into, shall be responsible for the following:

- a. Provide available maps, aerial photographs, charts, and records as deemed necessary to maintain the study.
- b. Update and maintain travel simulation models for use in evaluating the metropolitan area's transportation needs. Said models shall be the "official" ARTS models. The Department

shall also provide the expertise and computer software to maintain and update the model as necessary.

- c. Make periodic reviews of projected transportation needs; and revisions, when necessary, of the multimodal transportation plan.
- d. Aid the MPO in the preparation of planning-oriented preliminary engineering, right-of-way, and construction cost estimates for multimodal projects in the ARTS Multimodal Transportation Plan.
- e. Provide local agencies with current information concerning the status of planning and implementation of the ARTS Multimodal Transportation Plan.
- f. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.
- g. Incorporate, without modification, the Georgia portion of the adopted ARTS Transportation Improvement Program into Georgia's State Transportation Improvement Program; and coordinate with the ARTS Multimodal Transportation Plan in the development of the Georgia Statewide Transportation Plan.
- h. Facilitate with all participating parties an understanding of the development and amendment process for the Transportation Improvement Program and the Statewide Transportation Improvement Program.
- i. Annually certify to the FHWA and the FTA, concurrently with the Augusta MPO, that the ARTS planning process is addressing the major issues facing the area and is being conducted in accordance with all applicable Federal laws.
- J Provide various types of traffic count data.
- k. Provide other assistance as mutually agreed upon.

X. **IT IS FURTHER AGREED**, that the **South Carolina Department of Transportation**, only to the extent that it may be bound by contracts which may hereafter be entered into, shall be responsible for the following:

- a. Provide available maps, aerial photographs, charts, and records as deemed necessary to maintain the study.
- b. Aid the MPO in the preparation of planning-oriented preliminary engineering, right-of-way, and construction cost estimates for multimodal projects in the ARTS Multimodal

Transportation Plan. Provide local agencies with current information concerning the status of planning and implementation of the ARTS Multimodal Transportation Plan.

- c. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.
- d. Upon Commission approval, incorporate the South Carolina portion of the adopted ARTS Transportation Improvement Program into the South Carolina State Transportation Improvement Program; and coordinate with the ARTS Transportation Plan in the development of the South Carolina Statewide Transportation Plan. (Approved by Policy Committee June 14, 2006).
- e. Annually certify to the FHWA and the FTA, concurrently with the Augusta MPO, that the ARTS planning process is addressing the major issues facing the area and is being conducted in accordance with all applicable Federal laws.
- f. Provide various types of traffic count data.
- g. Perform other duties as described in the Contract between the South Carolina Department of Transportation, Aiken County, and the Augusta-Richmond County Planning Commission for the Use of Section 104(f) Funds dated October 5, 1994.

XI. **IT IS FURTHER AGREED**, that the **Augusta-Richmond County Planning Commission**, only to the extent that it may be bound by contracts which may hereafter be entered into, shall be responsible for the following:

- a. Assist in the preparation of planning-oriented preliminary engineering, right-of-way and construction cost estimates for projects in the ARTS Multimodal Transportation Plan.
- b. Update and maintain maps showing existing and proposed land use, and compare actual and projected land development.
- c. Evaluate zoning and subdivision requests for impacts on or from projects in the ARTS Multimodal Transportation Plan.
- d. Provide or obtain social and community development plans as may relate to transportation needs.
- e. Develop and maintain base-year and horizon-year socioeconomic data, by traffic analysis zone (TAZ), for use in ARTS traffic simulation models.

- f. Make recommendations for revisions of the ARTS Multimodal Transportation Plan to conform to any new planning goals, objectives, policies, or developments.
- g. Periodically review traffic analysis zone (TAZ) boundaries and make recommendations to the Technical Coordinating Committee to revise said boundaries as necessary. Cooperate with the Georgia and South Carolina Departments of Transportation in making any changes to TAZ boundaries.
- h. Provide needed maps, aerial photographs, charts, records, and directories to the extent possible.
- i. Collect, analyze, and distribute traffic data, such as traffic counts and accident data, to the public, governmental agencies, and other parties.
- j. Maintain and update a fiscally-constrained, multimodal transportation plan that results in the development of an integrated intermodal transportation system that facilitates the efficient movement of people and goods. The transportation plan shall be reviewed and updated at least every five years.
- k. Maintain, and update annually, a fiscally-constrained, three-year, multimodal Transportation Improvement Program (TIP) for Georgia, and a five-year TIP for South Carolina.
- l. Prepare an annual Unified Planning Work Program to document planning activities to be performed in the next fiscal year; in sufficient detail to indicate who will perform the work, the schedule for completion and the end products.
- m. Prepare an annual Performance Report that compares actual accomplishments to the work element descriptions in the Unified Planning Work Program.
- n. Compile, maintain, and document data on existing water, air, freight and rail terminal and transfer facilities.
- o. Maintain and update as necessary the ARTS Public Involvement Policy (PIP). The PIP documents how the MPO will support early and continuing involvement of the public in the development of transportation policies, plans and programs.
- p. Cooperate with the Georgia and South Carolina Departments of Transportation in the development and implementation of any transportation management systems mandated by Federal law. The MPO will have the lead responsibility in the development of the ARTS Congestion Management System.

- q. Ensure that the Congestion Management System and any other applicable management systems shall, to the extent appropriate, be part of the metropolitan transportation planning process, and shall be considered in the development of the transportation plan and the TIP.
- r. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.
- s. Perform duties as described in the Contract between the South Carolina Department of Transportation, Aiken County, and the Augusta-Richmond County Planning Commission for the Use of Section 104(f) Funds dated October 5, 1994.
- t. Annually certify to the FHWA and the FTA, concurrently with the Georgia and South Carolina Departments of Transportation, that the ARTS planning process is addressing the major issues facing the area and is being conducted in accordance with all applicable Federal laws.
- u. Prepare and submit quarterly and annual FTA reports.

**XII. IT IS FURTHER AGREED**, that **Augusta-Richmond County, Georgia** within its official jurisdiction be responsible for the following:

- a. Maintain and keep current records of fiscal operations and abilities, administrative practices, and laws and ordinances that affect and concern transportation. A re-evaluation of these items shall be made at least every five (5) years and the results and recommendations which could affect the ARTS program will be coordinated with the Technical Coordinating Committee and the Policy Committee.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
- c. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.
- d. Aid the MPO in developing planning-oriented preliminary engineering, right-of-way and construction cost estimates for the ARTS Multimodal Transportation Plan.
- e. Be responsible for cooperating with the Augusta-Richmond County Planning Commission insofar as its authority extends.

**XIII. IT IS FURTHER AGREED**, that **Augusta Public Transit (APT)** shall:

- a. Provide instructions and directions to the Augusta-Richmond County Planning Commission as to studies and plans to be conducted on its behalf by the Augusta-Richmond County Planning Commission, including, but not limited to, corridor and sub-area studies when necessary.
- b. Make available to the Augusta-Richmond County Planning Commission any records, documents or information necessary to accomplish APT's planning objectives and to develop the Augusta Multimodal Transportation Plan and the TIP.
- c. Cooperate with the Georgia Department of Transportation in the development of any management systems mandated by Federal law..
- d. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.

**XIV. IT IS FURTHER AGREED**, that the **City of Grovetown, Georgia** within its official jurisdiction be responsible for the following:

- a. Maintain and keep current records of fiscal operations and abilities, administrative practices, and laws and ordinances that affect and concern transportation. A re-evaluation of these items shall be made at least every five (5) years and the results and recommendations which could affect the ARTS program will be coordinated with the Technical Coordinating Committee and the Policy Committee.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates where applicable for the ARTS Multimodal Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.

**XV. IT IS FURTHER AGREED**, that **Columbia County, Georgia** within its official jurisdiction be responsible for the following:

- a. Provide the staff of the Augusta-Richmond County Planning Commission with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates for the ARTS Multimodal Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.

**XVI. IT IS FURTHER AGREED**, that the **Aiken County, South Carolina** within its official jurisdiction be responsible for the following:

- a. Provide the staff of the Augusta-Richmond County Planning Commission with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO and the Aiken County Planning and Development department for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates for the ARTS Multimodal Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.
- e. Perform duties as described in the Contract between the South Carolina Department of Transportation, Aiken County, and the Augusta-Richmond County Planning Commission for the Use of Section 104(f) Funds dated October 5, 1994.

**XVII. IT IS FURTHER AGREED**, that the **Edgefield County, South Carolina** within its official jurisdiction be responsible for the following:

- a. Provide the staff of the Augusta-Richmond County Planning Commission with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO and the Aiken County Planning and Development department for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates for the ARTS Multimodal Transportation Plan.

**XVIII. IT IS FURTHER AGREED**, that the **City of North Augusta, South Carolina** within its official jurisdiction be responsible for the following:

- a. Maintain and keep current records of fiscal operations and abilities, administrative practices, and laws and ordinances that affect and concern transportation. A re-evaluation of these items shall be made at least every five (5) years and the results and recommendations which could affect the ARTS program will be coordinated with the Technical Coordinating Committee and the Policy Committee.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO and the Aiken County Planning and Development Department for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates where applicable for the ARTS 20 Year Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.

**XIX. IT IS FURTHER AGREED**, that the **City of Aiken, South Carolina** within its official jurisdiction be responsible for the following:

- a. Maintain and keep current records of fiscal operations and abilities, administrative practices, and laws and ordinances that affect and concern transportation. A re-evaluation of these items shall be made at least every five (5) years and the results and recommendations which



could affect the ARTS program will be coordinated with the Technical Coordinating Committee and the Policy Committee.

- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates where applicable for the ARTS 20 Year Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.

XX. **IT IS FURTHER AGREED**, that the **City of Burnetown, South Carolina** shall provide the staff of the Augusta-Richmond County Planning Commission with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.

XXI. **IT IS FURTHER AGREED**, that the **City of Hephzibah, Georgia** shall provide the staff of the Augusta-Richmond County Planning Commission with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.

XXII. **IT IS FURTHER AGREED**, that the **City of Blythe, Georgia** shall provide the staff of the Augusta-Richmond County Planning Commission with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.

XXIII. **IT IS FURTHER AGREED**, that the **Lower Savannah Council of Governments (LSCOG)**, in its capacity as administrator of **Aiken County Transit**, shall:

- a. Make available to the Augusta-Richmond County Planning Commission any records, documents or information necessary to accomplish planning objectives related to Aiken County Transit and to develop the Augusta Multimodal Transportation Plan and the TIP.
- b. Cooperate with the South Carolina Department of Transportation in the development of any management systems mandated by Federal law..

Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.

**XXIV. IT IS FURTHER AGREED**, that **Fort Gordon** either provide or assist the staff of the Augusta-Richmond County Planning Commission in gathering information needed to maintain and update ARTS transportation plans, to carry out work elements in the UPWP, and to insure that Fort Gordon is adequately served by the ARTS.

**XXV. IS FURTHER AGREED**, that:

- a. The Study shall be of a continuing, comprehensive, cooperative nature and that all planning decisions shall be reflective of and responsive to the needs and desires of the local communities as well as the programs and requirements of the Georgia and South Carolina Departments of Transportation and the U.S. Department of Transportation.
- b. A reappraisal shall be made of the Study whenever there is a significant change in the community's goals and objectives, land use patterns, or travel characteristics, or at least once every five (5) years.
- c. The participating agencies shall cooperate in all phases of the Study. Adequate and competent personnel shall be assigned to insure development of adequate and reliable data.
- d. All parties to this agreement shall have access to all study related information developed by the other agencies, including the right to make duplication thereof.

This document is a Memorandum of Understanding expressing the present intentions of the parties. Nothing contained herein shall require the undertaking of any act, project, study, analysis, or any other activity by any party until a contract for such activity is executed. Nor shall this document require the expenditure of any funds by any party until a contract authorizing such expenditure is executed.

However, nothing contained herein shall be construed to prohibit any party's undertaking any act, project, study, analysis, or any other activity which the party is required by law or contract to undertake as part of any other program which fulfills some function shown herein as intended to be performed by the party undertaking such act, project, study, analysis, or other activity.

SIGNATURES ON FILE IN THE OFFICE OF THE

AUGUSTA RICHMOND COUNTY PLANNING COMMISSION



## **APPENDIX C**

### **AUGUSTA REGIONAL TRANSPORTATION STUDY COMMITTEES**

#### **POLICY COMMITTEE**

##### **VOTING**

Ron Cross, Chairman (Chairman)  
Columbia Co. Commission, GA

Fred Cavanaugh, Mayor (Chairman)  
Aiken, SC

Lark Jones, Mayor  
North Augusta, SC

Deke Copenhaver, Mayor  
Augusta, GA

Dennis Trudeau, Mayor  
Grovetown, GA

C. H. Williams, Mayor  
City of Burnetown, SC

Mr. Tom Cobb  
Mayor City of Blythe

Ronnie Young, Chairman  
Aiken County Council, SC

Karen S. Adams, Colonel  
Fort Gordon, GA

Harold Linnenkohl, Highway Commissioner  
GA DOT

W. A. Keller, State Highway Engineer  
SC DOT

##### **NON-VOTING**

John Hardee, Highway Commissioner  
SC

Bill Kuhlke, Jr. State Transportation Board  
GA

Max Azizi – FHWA  
GA

Eric Schumacher, Chairman, CAC  
ARTS

George A. Patty, Project Director  
ARTS

Bob Lee, FHWA  
SC

#### **TECHNICAL COORDINATING COMMITTEE**

##### **VOTING**

Thomas Zeaser, Engineer  
City of North Augusta, SC

Joe Berry, Engineer  
Aiken County, SC

County Engineer  
Augusta, GA

Willis “Buster” Boshears, Director  
Augusta Regional Airport, GA

Skip Grkovic, Director  
Planning & Community Development  
North Augusta, SC

Eric Schumacher, Chairman  
ARTS CAC

Director of Public Works  
City of Aiken, SC

Jeff Browning, Director  
Planning Department  
Columbia County, GA

Ed Evans, Director  
Planning & Community Development Department  
Aiken, SC

Michael Dennis, Chief  
Metropolitan Planning, SC DOT

Carlton Shuford, Director of Installation Support  
Fort Gordon

Phillip England, Director  
Planning & Community Development  
Aiken County, SC

George A. Patty, Project Director  
ARTS

County Engineer  
Columbia County, GA

Heyward Johnson, Director  
Augusta Public Transit  
Augusta, GA

Traffic Engineer  
Augusta, GA

Connie Shade, Manager  
Aiken County Transit, SC  
Lower Savannah Council of Governments

Matthew Fowler, Transportation Planning  
Engineer, GA DOT

#### **NON-VOTING**

Dan Hinton, Planning & Environmental Engineer  
FHWA (SC)

Joe Palladi, State Urban Design Engineer, GADOT

Steve Kish, Transit Planning & Development, GADOT

Calvin Abram, Transportation Planner, ARCPC

Andy Crosson, Executive Director CSRA RDC

John Humeston, Intermodal Plng Engineer/  
Manager, FHWA (GA)

Harvey Keepler, Environmental Location Engineer,  
GADOT

Paul DeCamp, Planning Director, ARCPC

Juriah Lewis, Transit Planner, ARCPC

Wayne Rogers, Executive Director, LSCOG

**CITIZENS ADVISORY COMMITTEE**

**VOTING**

Eric Schumacher, Augusta, Chairman

Terry Smith, Fort Gordon, Vice Chairman

Les Morton, Augusta

Wilbert Gallop, Augusta

Phil Croll, Aiken

Marianne Pecoraro, Aiken

Don Skinner, Columbia County

Greg Capers, Columbia County

Jim Bartley, Columbia County

Rymond Griffin, Aiken County





FIGURE 1 AUGUSTA REGIONAL TRANSPORTATION STUDY FUNDING FY 2007		GA DOT		SC DOT		ARTS MPO				AIKEN CO		ARCPC & Lower Savannah COG						TOTAL	
		GA SPR		SC SPR		GA DOT		ARCPC		ACPDD		FTA	SEC 5303	SEC 5303	FTA	SEC 5307	SEC 5307		
		MATCH		MATCH		PL		MATCH		MATCH		SEC 5303	MATCH	MATCH	SEC 5307	MATCH	MATCH		
		GA SPR	MATCH	SC SPR	MATCH	GA PL	MATCH	GA PL	MATCH	SC PL	ACPDD	SC PL	ACPDD	FUNDS	STATE	LOCAL	FUNDS		STATE
1.1	Program Coordination/Administration	\$11,160	\$2,790	\$4,000	\$1,000	\$44,000	\$5,500	\$5,500	\$5,200	\$1,300	\$43,600	\$10,900	\$400	\$50	\$50	\$0	\$0	\$0	\$135,450
1.3	Training/Employee Education	\$0	\$0	\$0	\$0	\$6,400	\$800	\$800	\$0	\$0	\$4,400	\$1,100	\$1,600	\$200	\$200	\$0	\$0	\$0	\$15,500
1.6	UPWP	\$4,464	\$1,116	\$1,200	\$300	\$4,000	\$500	\$500	\$1,200	\$300	\$2,000	\$500	\$6,800	\$850	\$850	\$0	\$0	\$0	\$24,580
Subtotal		\$15,624	\$3,906	\$5,200	\$1,300	\$54,400	\$6,800	\$6,800	\$6,400	\$1,600	\$50,000	\$12,500	\$8,800	\$1,100	\$1,100	\$0	\$0	\$0	\$175,530
2.1	Community Outreach / Education	\$2,232	\$558	\$3,000	\$750	\$12,000	\$1,500	\$1,500	\$1,200	\$300	\$4,400	\$1,100	\$6,300	\$788	\$788	\$0	\$0	\$0	\$36,415
2.2	Environmental Justice	\$4,464	\$1,116	\$0	\$0	\$4,000	\$500	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,580
Subtotal		\$6,696	\$1,674	\$3,000	\$750	\$16,000	\$2,000	\$2,000	\$1,200	\$300	\$4,400	\$1,100	\$6,300	\$788	\$788	\$0	\$0	\$0	\$46,995
3.1	Socioeconomic Data	\$0	\$0	\$0	\$0	\$12,000	\$1,500	\$1,500	\$1,280	\$320	\$5,200	\$1,300	\$0	\$0	\$0	\$0	\$0	\$0	\$23,100
3.2	Land Use Monitoring	\$0	\$0	\$0	\$0	\$6,400	\$800	\$800	\$0	\$0	\$3,200	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$12,000
3.4	Transportation Surveys, Models & Analysis	\$0	\$0	\$0	\$0	\$9,600	\$1,200	\$1,200	\$720	\$180	\$3,600	\$900	\$0	\$0	\$0	\$0	\$0	\$0	\$17,400
Subtotal		\$0	\$0	\$0	\$0	\$28,000	\$3,500	\$3,500	\$2,000	\$500	\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0	\$52,500
4.1	Congestion Management	\$4,464	\$1,116	\$1,200	\$300	\$13,600	\$1,700	\$1,700	\$800	\$200	\$2,240	\$560	\$4,800	\$600	\$600	\$0	\$0	\$0	\$33,880
4.2	Transit / Paratransit																		
4.2.1	Program Admin - APT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$64,881	\$8,110	\$8,110	\$0	\$0	\$0	\$81,101
4.2.2	Management & Operations - APT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,800	\$600	\$600	\$0	\$0	\$0	\$6,000
4.2.3	Program Admin - ACT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,000	\$2,000	\$2,000	\$35,000	\$4,375	\$4,375	\$63,750
4.2.4	DBE Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,600	\$200	\$200	\$0	\$0	\$0	\$2,000
4.2.5	Transit Project Admin - SC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,000	\$3,500	\$3,500	\$35,000
4.2.6	Coordination of Non Emergency Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,600	\$325	\$325	\$0	\$0	\$0	\$3,250
4.2.7	Marketing / Public Information - SC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,300	\$163	\$163	\$2,000	\$250	\$250	\$4,125
4.2.8	Short Range Transit Planning - SC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,000	\$2,000	\$2,000	\$20,000
4.2.9	Long Range Transit Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800	\$100	\$100	\$3,200	\$400	\$400	\$5,000
4.2.10	Transit Financial Planning - SC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,200	\$1,400	\$1,400	\$14,000
4.2.11	Environmental Justice / Title VI	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,200	\$400	\$400	\$0	\$0	\$0	\$4,000
4.3	Intermodal Planning	\$4,464	\$1,116	\$0	\$0	\$20,000	\$2,500	\$2,500	\$1,600	\$400	\$1,600	\$400	\$4,800	\$600	\$600	\$0	\$0	\$0	\$40,580
4.4	Air Quality Issues	\$4,464	\$1,116	\$800	\$200	\$8,000	\$1,000	\$1,000	\$1,200	\$300	\$3,600	\$900	\$1,600	\$200	\$200	\$0	\$0	\$0	\$24,580
4.8	GIS Development & Applications	\$0	\$0	\$0	\$0	\$12,000	\$1,500	\$1,500	\$0	\$0	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$65,000
4.11	Long Range Plan	\$8,928	\$2,232	\$3,200	\$800	\$6,400	\$800	\$800	\$800	\$200	\$3,200	\$800	\$3,200	\$400	\$400	\$0	\$0	\$0	\$32,160
4.12	Transportation Improvement Plan	\$4,464	\$1,116	\$2,000	\$500	\$13,600	\$1,700	\$1,700	\$1,600	\$400	\$3,600	\$900	\$9,000	\$1,125	\$1,125	\$0	\$0	\$0	\$42,830
4.13	Special Transportation Studies	\$0	\$0	\$0	\$0	\$112,000	\$14,000	\$14,000	\$2,400	\$600	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$193,000
SUBTOTAL		\$26,784	\$6,696	\$7,200	\$1,800	\$185,600	\$23,200	\$23,200	\$8,400	\$2,100	\$94,240	\$23,560	\$118,581	\$14,823	\$14,823	\$95,400	\$11,925	\$11,925	\$670,256
GRAND TOTAL		\$49,104	\$12,276	\$15,400	\$3,850	\$284,000	\$35,500	\$35,500	\$18,000	\$4,500	\$160,640	\$40,160	\$133,681	\$16,710	\$16,710	\$95,400	\$11,925	\$11,925	\$945,281

<b>FIGURE 2</b> <b>AGENCY PARTICIPATION</b> <b>UNIFIED PLANNING WORK PROGRAM</b> <b>ARTS FY 2007</b>							
<b>WORK ELEMENT</b>	<b>ARCPC</b>	<b>ACPDD</b>	<b>GA DOT</b>	<b>SC DOT</b>	<b>APT</b>	<b>LSCOG</b>	<b>TOTAL</b>
1.1 Program Coordination/Administration	\$61,500	\$54,500	\$13,950	\$5,000	\$0	\$500	<b>\$135,450</b>
1.3 Training/Employee Education	\$8,000	\$5,500	\$0	\$0	\$0	\$2,000	<b>\$15,500</b>
1.6 UPWP	\$6,500	\$2,500	\$5,580	\$1,500	\$8,000	\$500	<b>\$24,580</b>
<b>Subtotal</b>	<b>\$76,000</b>	<b>\$62,500</b>	<b>\$19,530</b>	<b>\$6,500</b>	<b>\$8,000</b>	<b>\$3,000</b>	<b>\$175,530</b>
2.1 Community Outreach / Education	\$16,500	\$5,500	\$2,790	\$3,750	\$6,000	\$1,875	<b>\$36,415</b>
2.2 Environmental Justice	\$5,000	\$0	\$5,580	\$0	\$0	\$0	<b>\$10,580</b>
<b>Subtotal</b>	<b>\$21,500</b>	<b>\$5,500</b>	<b>\$8,370</b>	<b>\$3,750</b>	<b>\$6,000</b>	<b>\$1,875</b>	<b>\$46,995</b>
3.1 Socioeconomic Data	\$16,600	\$6,500	\$0	\$0	\$0	\$0	<b>\$23,100</b>
3.2 Land Use Monitoring	\$8,000	\$4,000	\$0	\$0	\$0	\$0	<b>\$12,000</b>
3.4 Transportation Surveys, Models & Analysis	\$12,900	\$4,500	\$0	\$0	\$0	\$0	<b>\$17,400</b>
<b>Subtotal</b>	<b>\$37,500</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$52,500</b>
4.1 Congestion Management	\$18,000	\$2,800	\$5,580	\$1,500	\$6,000	\$0	<b>\$33,880</b>
4.2 Transit / Paratransit	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
4.2.1 Program Admin - APT	\$0	\$0	\$0	\$0	\$81,101	\$0	<b>\$81,101</b>
4.2.2 Management & Operations - APT	\$0	\$0	\$0	\$0	\$6,000	\$0	<b>\$6,000</b>
4.2.3 Program Admin - ACT	\$0	\$0	\$0	\$0	\$0	\$63,750	<b>\$63,750</b>
4.2.4 DBE Planning	\$0	\$0	\$0	\$0	\$2,000	\$0	<b>\$2,000</b>
4.2.5 Transit Project Admin - SC	\$0	\$0	\$0	\$0	\$0	\$35,000	<b>\$35,000</b>
4.2.6 Coordination of Non Emergency Services	\$0	\$0	\$0	\$0	\$2,000	\$1,250	<b>\$3,250</b>
4.2.7 Marketing / Pubic Information - SC	\$0	\$0	\$0	\$0	\$0	\$4,125	<b>\$4,125</b>
4.2.8 Short Range Transit Planning - SC	\$0	\$0	\$0	\$0	\$0	\$20,000	<b>\$20,000</b>
4.2.9 Long Range Transit Planning - SC	\$0	\$0	\$0	\$0	\$0	\$5,000	<b>\$5,000</b>
4.2.10 Transit Financial Planning - SC	\$0	\$0	\$0	\$0	\$0	\$14,000	<b>\$14,000</b>
4.2.11 Environmental Justice / Title VI	\$0	\$0	\$0	\$0	\$4,000	\$0	<b>\$4,000</b>
4.3 Intermodal Planning	\$27,000	\$2,000	\$5,580	\$0	\$6,000	\$0	<b>\$40,580</b>
4.4 Air Quality Issues	\$11,500	\$4,500	\$5,580	\$1,000	\$2,000	\$0	<b>\$24,580</b>
4.8 GIS Development & Applications	\$15,000	\$50,000	\$0	\$0	\$0	\$0	<b>\$65,000</b>
4.11 Long Range Plan	\$9,000	\$4,000	\$11,160	\$4,000	\$4,000	\$0	<b>\$32,160</b>
4.12 Transportation Improvement Plan	\$19,000	\$4,500	\$5,580	\$2,500	\$10,000	\$1,250	<b>\$42,830</b>
4.13 Special Transportation Studies	\$143,000	\$50,000	\$0	\$0	\$0	\$0	<b>\$193,000</b>
<b>Subtotal</b>	<b>\$242,500</b>	<b>\$117,800</b>	<b>\$33,480</b>	<b>\$9,000</b>	<b>\$123,101</b>	<b>\$144,375</b>	<b>\$670,256</b>
<b>GRAND TOTAL</b>	<b>\$377,500</b>	<b>\$200,800</b>	<b>\$61,380</b>	<b>\$19,250</b>	<b>\$137,101</b>	<b>\$149,250</b>	<b>\$945,281</b>

**FIGURE 3**  
**ARTS UPWP FY 2007**  
**PLANNING WORK SCHEDULE**

		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
WORK ELEMENT													
1.1	Program Coordination/Administration	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
1.3	Training/Employee Education	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
1.6	UPWP				◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆			
2.1	Community Outreach / Education	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
2.2	Environmental Justice	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
3.1	Socioeconomic Data							◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
3.2	Land Use Monitoring	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
3.4	Transportation Surveys, Models & Analysis							◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.1	Congestion Management								◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.2	Transit / Paratransit	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.2.1	Program Admin - APT	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.2.2	Management & Operations - APT	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.2.3	Program Admin - ACT	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.2.4	DBE Planning	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.2.5	Transit Project Admin - SC	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.2.6	Coordination of Non Emergency Services	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.2.7	Marketing / Pubic Information - SC	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.2.8	Short Range Transit Planning - SC	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.2.9	Long Range Transit Planning	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.2.10	Transit Financial Planning - SC	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.2.11	Environmental Justice / Title VI	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.3	Intermodal Planning	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.4	Air Quality Issues	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.8	GIS Development & Applications	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.11	Long Range Plan	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.12	Transportation Improvement Plan							◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆
4.13	Special Transportation Studies	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆	◆◆◆◆◆◆

**FIGURE 4**  
**FY 2007 UPWP**

**PLANNING WORK ELEMENTS**

**Planning Focus Area Matrix**

	#1	#2	#3	#4	#5	#6	#7	#8
<b>PROGRAM ADMINISTRATION &amp; IMPLEMENTATION</b>								
1.1 Program Coordination/Administration	x	x	x	x	x	x	x	x
1.3 Training/Employee Education	x	x	x	x	x	x	x	x
1.6 UPWP	x	x	x	x	x	x	x	x
<b>PUBLIC INVOLVEMENT</b>								
2.1 Community Outreach / Education	x	x	x	x	x	x	x	x
2.2 Environmental Justice	x	x	x	x	x	x	x	x
<b>DATA COLLECTION</b>								
3.1 Socioeconomic Data	x	x	x	x			x	x
3.2 Land Use Monitoring	x	x	x	x			x	x
3.4 Transportation Surveys, Models & Analysis	x	x	x	x	x	x	x	x
<b>SYSTEM PLANNING</b>								
4.1 Congestion Management	x	x	x	x	x	x	x	x
4.2 Transit / Paratransit	x	x	x	x	x	x	x	x
4.2.1 Program Admin - APT	x	x	x	x	x	x	x	x
4.2.2 Management & Operations - APT	x	x	x	x	x	x	x	x
4.2.3 Program Admin - ACT	x	x	x	x	x	x	x	x
4.2.4 DBE Planning	x	x	x	x	x	x	x	x
4.2.5 Transit Project Admin - SC	x	x	x	x	x	x	x	x
4.2.6 Coordination of Non Emergency Services	x	x	x	x	x	x	x	x
4.2.7 Marketing / Pubic Information - SC	x	x	x	x	x	x	x	x
4.2.8 Short Range Transit Planning - SC	x	x	x	x	x	x	x	x
4.2.9 Long Range Transit Planning - SC	x	x	x	x	x	x	x	x
4.2.10 Transit Financial Planning - SC	x	x	x	x	x	x		
4.2.11 Environmental Justice / Title VI	x	x	x	x	x	x	x	x
4.3 Intermodal Planning	x	x	x	x	x	x	x	x
4.4 Air Quality Issues	x	x	x	x	x	x	x	x
4.8 GIS Development & Applications	x	x	x	x	x		x	x
4.11 Long Range Plan	x	x	x	x	x	x	x	x
4.12 Transportation Improvement Plan	x	x	x	x	x	x	x	x
4.13 Special Transportation Studies	x	x	x	x	x	x	x	x

**Planning Focus Areas**

- #1 Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- #2 Increase the safety of the transportation system for motorized and non-motorized users;
- #3 Increase the security of the transportation system for motorized and non-motorized users;
- #4 Increase the accessibility and mobility of people and for freight;
- #5 Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
- #6 Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- #7 Promote efficient system management and operation; and
- #8 Emphasize the preservation of the existing transportation system.